

tgcaggatgc	gaatgatcga	cgatttttct	gttggttagga	tacggacgtt	caaatcacga	300
aggccattgg	tctcggattg	gttctcagct	acatttcgctg	caanacactg	tcctctgacg	360
tggtaaagtg	gtgagacttt	tgatcggcgg	tagttgcaaa	ttgttgctgg	gtggcaaaag	420
atcccagcca	ccctgttgca	tgaaaataaa	cggggactct	tgctgtacat	anantctctg	480
tcntataggg	tggncaaang	ggaatggatn	tttccaagac			520

<210> 2087  
 <211> 655  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(655)  
 <223> n = A,T,C or G

<400> 2087	
ctcgaccctg	tgacgataca
cgggggctct	tgtgattcac
agccccgcgc	gcatgtccag
gtgccatctg	ccctgggttt
tcaaaaacaag	tcaagacaag
actgtgtctg	tgctactgcc
attctgcctg	acgcaagcaa
tcccttttct	tccctttctt
ctgaacccaa	cagtcattgn
ntcacaacaa	ccatnaacgt
agaagcgcaa	aggtgnggcg
	gccttccaaa
	aaaanactac
	gtttcgggtt
	ttgga
	60
	120
	180
	240
	300
	360
	420
	480
	540
	600
	655

<210> 2088  
 <211> 667  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(667)  
 <223> n = A,T,C or G

<400> 2088	
tttttttttt	ttttttttta
tcacgatgat	agacatgagg
ttcaattctt	gtgaaactct
caggcaaatt	cccaagtcga
gtccgggggt	agataaccga
gcaagagggc	agcagtctgg
tccccggcgc	tgagggtgaa
tcgaggggtg	cgacaagaaa
ttaaatccaa	caaatatgat
acaggattag	gctgggtaac
atgtagtting	caetgcattg
acctatg	
	ggcttncaat
	gctttgggtc
	agtcgcgaaa
	gagaggllaa
	cgcccttggt
	ggtagtgtgt
	ctcgacgagg
	ggacgcccgt
	tgctttgacgt
	gctgggtgaa
	cctgttttna
	tatggaagca
	aaaanactga
	aaaatcgta
	60
	120
	180
	240
	300
	360
	420
	480
	540
	600
	660
	667

<210> 2089  
 <211> 512  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature

<222> (1)...(512)

<223> n = A,T,C or G

<400> 2089

tgttttgttc	ctgaatcaac	ccgtcgtcag	gccagtgaat	gtcacgtcac	cgaaatacat	60
acaagccagc	acctatcaca	ccttcactta	acctttacat	ccatagaacc	aaaagccaat	120
ttttttgtcg	caaccccaag	ctccaactgc	tcacaaccgt	ctttgcttct	tgaacgactc	180
tttcatctcc	attttctcac	gcaatgccat	catcatgacc	tctcaagctt	catcatcgca	240
tcctcctgcc	tcctctaaca	atccgnttnt	taacatccca	accagacctg	gaactcgaca	300
tccctccccc	aaanaacaac	cgtctcgtnt	aaaatacctc	ctccgcacac	gttatcctcc	360
gcagtanggt	gcgttaatct	acaaggcgat	cctcctgagc	ctcgggggtca	gtnaatttta	420
aacgcctccc	cgcgtgngca	catcgacaat	ccaaaagnaa	ggggaagntg	caangcccac	480
gtgatagggc	tacgtaatgg	tccatcgggg	ag			512

<210> 2090

<211> 136

<212> LNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(136)

<223> n = A,T,C or G

<400> 2090

ntntgccaan	gtccttntgn	gcgttngtta	tangagcact	gcccttttna	acacgggctg	60
ntaccganca	atcttgtcat	tgcgcntcna	aaaagananc	ccaaacnttt	acantggccc	120
anggcattat	aacctat					136

<210> 2091

<211> 431

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(431)

<223> n = A,T,C or G

<400> 2091

aggaataccc	gctgaactta	agcatatcaa	taagcggagg	aaaagaaacc	aacagggatt	60
gccctagtaa	cggcgagtga	agcggcaaca	gctcaaattt	gaaatctggc	tttcgggccc	120
gagttgtaat	ttgtagagga	tgactttgat	gcggtgcctt	ccgagttccc	tggaacggga	180
cgcctatanag	ggtgagagcc	ccgtctgggt	ggatgccaaa	tctctgtaag	tctccttcga	240
cgagtcgagt	agtttgggaa	tgctgctcta	aatgggaggt	atatgtcttc	taaagctaaa	300
taccggccag	agaccgatag	cgcacaagta	gtattagatc	gaaagatgaa	aagcactttg	360
aaaagagagt	taaaaagtan	cgtgaaattg	ttgaaaggga	agcngtttat	taaaaaaaaa	420
aaaggccacg	a					431

<210> 2092

<211> 616

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(616)

<223> n = A,T,C or G

<400> 2092



cagggcctct	gaaatctgtc	ccctagttga	tctccgagct	agtacttgaa	cttgaacacg	60
cgcaatttcc	atatccgaag	caattcattt	tctacgactt	atttcctcct	atacactcaa	120
tctttgtact	tctgtcttct	cgattccctc	actcgtcaac	acttgaaccc	ttcagacacg	180
atggcgcaaa	ctccccagca	acgacgacgt	aacgaggcct	ttgccaaagg	caatgagaac	240
aagatgggca	aggccgagca	gcaagtcaaa	aagcgggttg	agaaggcca	aaagtcaccc	300
atctctatgt	tctggctcag	tgtcctcggc	tctgttatct	tcggcggctc	tgtcttcgag	360
gggtctctccc	gattcttcgg	ttaaacctat	tcttcgatcc	aacctctctg	tcctacaaaa	420
cacaaacaca	aaaaacccaa	acaaacaaca	cacaaatccc	caatcaagct	tcgctcaagc	480
ggnggcattg	taattctttg	gagatataag	aggtgttggc	agccttggcg	ccgtgcggtc	540
tacatacgag	cgnggggtccc	aagtcacca	tccaangagc	tnaaaagggg	gcagggcctt	600
tactggnttt	natggt					616

<210> 2093

<211> 167

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(167)

<223> n = A,T,C or G

<400> 2093

nnggggattt	ttaccaaacg	catgcttaac	caaaaggatn	tgnccccgat	ngggnttttag	60
cnacccgggg	atTTTTTTtag	gaaaagggaa	aacttgacct	gggcgtttac	tccggctaaa	120
ggcntttana	gggcnttttt	ttgcaaacgg	ggggggacca	aaagtta		167

<210> 2094

<211> 546

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(546)

<223> n = A,T,C or G

<400> 2094

cagctcctcg	tagctccaga	ctttgcttgt	tacgaccgac	tgacagactc	aagccaaaat	60
gtccgattct	accgttgccc	gtcctcctcc	cagcgccatt	tccaggccgn	ttagcgagtc	120
tnntctcaat	gagaagnngg	accgtgcct	ctccaacctc	ctcgtcaagt	catccctcgg	180
tctcggtttt	gggtgcgttt	tctctgtcct	cctgttcaag	cgaagagcat	ggccccctt	240
tgctcgcggt	ggcttcgggt	cgggcggtgc	ctacgaggag	tgcaacttca	gcctgaagca	300
ggctgcgcga	gacttgaaga	agcanaccgc	ataagggaac	tgccgattgg	gcgtcnacta	360
aaagacgagt	cgtttatttg	taccaagaa	aaacacacca	gaaCatggng	gggtgttaaa	420
aaaagggaac	ggagatcttt	gccatggact	ccagggagag	ccaatgtcan	aatangacgt	480
tttttccaga	tcaatagagg	nattatgnac	aacanccctg	gcatttttta	atntttaccc	540
cagtct						546

<210> 2095

<211> 555

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(555)

<223> n = A,T,C or G

<400> 2095

ttcaaagtaa	aatgggtatc	ttagtattca	tattcataac	actagaagga	tgatccctgg	60
gaaacacaaa	gttgggccaa	atgtctattc	gacgtagcag	cataggtaca	cagggcagct	120
acatcggaga	aaattgatca	agacaaataa	cccaaattgg	gttttatagt	tttttccctca	180
atacattaac	aatccagaaa	accttcctgc	tcataaatac	caacaaaaga	atcaatgtat	240
gtgcgcaaca	gagtctcaat	ataccagac	tgctccatac	ccagaagaaa	cgagaaaccc	300
tctaaaaatgc	agtcataaag	tcattggaacc	ccaccctaga	accaaagatc	aaatgggtgcg	360
tgactccgct	tacaaagcga	aagcggccat	gacgaagacc	agcaataacg	gcaacggggag	420
caccgaaaacg	ggctcaccat	atttnttggg	ctggcgcat	tnccctaaag	acgcccagcg	480
aaacagctgc	cgcagtcggc	aacggcacag	caacancaac	agcggagtcg	acgagcctgc	540
cctttnttcc	ccgaa					555

<210> 2096

<211> 1004

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc feature

<222> (1)...(1004)

<223> n = A,T,C or G

<400> 2096

cggcctcgtc	gctcgttttt	tgctcgttca	acaacttcag	cctctccgat	ttgggctttt	60
actaaccttt	aattcacctg	tacaatggcc	gaccaaggag	gagctggcgc	tggagccccc	120
gtaactacca	tcgtcccttt	caacaaccaa	caagttcttc	cagcttggtc	cgccgcctgt	180
ggccccctct	acgatgccaa	cggcgccctg	gttcgccttc	aagtagccgc	tgatgccggc	240
cccaaggcct	acacatcatg	ttctctgtct	gaccagcgag	tcgccgcttt	caagactgca	300
accagggtg	tatgcgatga	agcatgtggt	gcagaaggtc	tttccctcaat	cgctggctgg	360
tttcgcagca	tgtgcggtac	cgcgaccaag	acgaatgggg	gatcaacaca	acaaactgga	420
cagggttcaa	caagctacga	cggctggaga	ttcttcatca	actgctgggt	caaggctttc	480
caacaacgag	ggtgggtggg	actggatttc	aaaccattgg	cagtgggtca	tcattgattgt	540
tgttctcggt	gtcggcatca	ccgctatctg	ggctcggtgc	tgcatattgg	gtcgtcgcta	600
cctgaagaag	aaggatcgcc	aattctcatct	cattcaaaaag	cattncgggt	ccgctcgcga	660
ccatcctggg	gtcccgggtat	ggaggcctct	gagggcgcca	taccttacga	cgacgaatcn	720
aaccgaaatt	cgcattggcct	catgettccc	gggtgccaccc	gctngtgctg	tcgaaagagg	780
agccaaagga	gaagaagcga	tngatcgtec	cganccgaaca	tgatgatggg	catcggttcca	840
ttaacgcctt	ttccgacctc	gtaccattnt	ccttgcatat	ccgagttcaa	tcaaaaagaaa	900
nttcgacctc	ctcttntcgc	ttacnccatan	acgggcntta	cactttcggc	ttgtttnttt	960
gagggatcca	ctgctttgat	ttgnagttta	ctggcggttt	nccc		1004

<210> 2097

<211> 590

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(590)

<223> n = A,T,C or G

<400> 2097

gctgaattct	tacgacccca	tataagggcg	cggtctgttc	tgctacagct	tttgccggaa	60
aatgactttg	aatgatgcac	atagaagggtc	tattgtttgg	aaagcatttg	cgaattggct	120
ttcccgaaaag	gaagcctcaa	tggtgcgtgt	attggtttcg	gaagatcagg	tcggagcgac	180
ggatgcttga	ttctaagaag	gatatgttac	aaaatctcaa	gggttggaag	acaaaagtga	240
ccttgattact	cgccaatgtc	aagggtttgc	tttcttttgg	gttgacgggc	gagtcctaac	300
ggatgggant	tttgtttgat	ggggcgctgc	ctctgtttat	atttcacaaq	cccggaagcg	360
acagaatctc	gggtttcgaca	ttttttccat	ctcgacatga	cqgtagggga	acacacgggg	420
antcattgat	ttgtctctct	tgggcttccat	gggacggtgg	cggtactact	ggaaaatcng	480
ttacgggttn	ggtgcatacc	aaagggggant	ttttaaggtn	tattttgctt	ggccttgtna	540

ctcaatatcc antcncccggt gtcgctcata ctgaaccnac acaaactaac

590

<210> 2098

<211> 153

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(153)

<223> n = A,T,C or G

<400> 2098

ngtaagagggc gttanngtct tggcttganc accaacttgg gtcagantta ggtctatnta	60
tgggatactc aacggtnaga gagaattttn gtggagcttc gcgacggntn ctacatngga	120
cagccatgca tgaatcatca tgtnnagaag tta	153

<210> 2099

<211> 508

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(508)

<223> n = A,T,C or G

<400> 2099

caattatcta aaaacccttc tctccacact tcgctcagac cgaaccacgt cagacgagaa	60
tcaattctgc tgtagccaca ataaacatct ccacagtcac cgccgccacc aaagaaaata	120
tttctgacac cattcaaagc tttgcttcgc tcaacctctg acagcccca ttagtaccgc	180
gagctccga ctctccctc caaaccctc ggccctaccg accagcagat tgcgaccgat	240
atcgaccac gatgccggcg ttccaaaaca aaaagtcggg tccacggccg acatgaaaca	300
ggatcggcat ggccgtatcg caacctcatg aaacaagcac ccattcctca tgtncgggct	360
gcccttcctc accgtcatcg ttgctagctc ctctgctc acgccagcca tngcggctcg	420
ctatgaacct acaacgcnaa gtctcgngat gacnaaggan aagaactcac ntgntcgatt	480
gccanaaagg tggactgaag gaagaata	508

<210> 2100

<211> 539

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(539)

<223> n = A,T,C or G

<400> 2100

gcaaaccaac actcaaaagg gaagcgatga atgogagtc cagatcgagt ccaagtgcgc	60
caagcagAAC cctcctaaga accttqctag cgaacgaagc ggcgatgagc ataccagctc	120
cagtgcacac gacactgcta ctgcttcggc cactcagact tctgtggagc ctagtggcac	180
cgcanaagct gtgtccacaa caactttctga tgccttttgc gccctacca tggcgccagc	240
aggcaagggt ggcgcgcgcg ctgttgcctc oggcgatgtg gcatacctcg tctaagtgtt	300
ttcggggctg aagcgtgggg tgcgtgcgac agcagtgcca cgacaccatc ccggcacccc	360
acgccacgt gcagtaacct gccgggtgggt gtctgttcgg ggttgctcaa cacttatttt	420
cactttctact gcccaattta ttacacagta cactttttcg acatgcaacg cgataccttt	480
tgatgaatta aagaccnaat gatgcaagct ttggtaaagc ttggatgaag taatgacac	539

<210> 2101

<211> 561  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(561)  
 <223> n = A,T,C or G

<400> 2101  
 cttcatcttt caacatcaca ttgcatacct tgttcataac ataaaggctct tggcctttat 60  
 acatacccaac ttcttcattc acatcatata cacattcgta cacacaaact catcgacttg 120  
 acatgatcgc atcgctctca tgcgcgccac ccacgtccat gccttactca acttcccccg 180  
 actctcacat ttacaacacc gacaacatgg ttcgatcatn ttccagcagag cccgcaaaga 240  
 gctcaagcga aaggggcccc aagcgtttca cactcacacc atnacaactt gcgcgcaaga 300  
 naccaacgac cgagaggntn agcgagctat naggggcgga accaaggaca catttgctgt 360  
 ntggagcgcg aattggagga ctcaaaaanca agcagagccg tgatcanacc qtccaagact 420  
 ttttaacgga ccagccttgn gagggcttnt ggcacttaag gaaacatggg cgtttaatga 480  
 cctatnacct tatttgnact gggacnatnt ttaaacacna accttgtnng tncctacaac 540  
 ctcacggata tgggggttctt a 561

<210> 2102  
 <211> 492  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(492)  
 <223> n = A,T,C or G

<400> 2102  
 gttccaaaact aatgccagta ccgacaaaat tttacctctt tgtgtaactt ccactaatca 60  
 ggtctctctt ctaaccttcc agccgtcaag tgcgtgtgtt atcggtggag tatcccgaga 120  
 ttgccacgct tacagagaga agagagaaga gacaacnacg ctnaagtaca gaaaagacaa 180  
 aattaacaag tcagcttacg ccaccaagac ctaacattta gcctgtttat ttttgacca 240  
 caatccaaact tttcttttgc cactcccgcg tttagcatct tctccacgca atccctagac 300  
 tgacctgaaa atggagtcga atgcaagcat cctagtgcga actgtcatgt gatgattatc 360  
 cttgtttggt cttctanacc cttgcggtta aggggtgttc cntagacaac atcagatata 420  
 actgcctctc ncttcaaggc acttccacca gcaggacatt ctcttttcca cctgtcactc 480  
 aganaactct tc 492

<210> 2103  
 <211> 631  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(631)  
 <223> n = A,T,C or G

<400> 2103  
 ttataattga cttctgcttt cacttttgatt ttgtcttctc atcgactgtc gtctgtgtca 60  
 ttttcataac aaacggcaaa gtacattttt cactcgagtc aaactgatct actagtgtag 120  
 ttaactcaaa cggccaatat ctgaaccatt tatcgtttgac ccgcgcggca accacggct 180  
 tctcttttgg cttttttatc ngaggctcgt cttaccttgc ttaaaqttgc atcaagctcg 240  
 gcagtaagag ctgcaggagg cttcgtcaac acttaactat cgatatcttt gtgttcacga 300  
 tcttgatctt ggtctgaact attcggcact ccttacgagt ccaaacaatc tccagagct 360  
 ggaatatctc aagtgtttct cgggtgaactc tatagactcg aacacgacct tctcattta 420

naactatcat	atcggaagaa	tttgttcggc	tgccagccaa	catgggatac	tntttacccg	480
cngagatcgg	ggggncacg	cccctttgtn	cccggcggaa	aanctcaact	tttatngnt	540
gccattcang	aatattcccc	atgggcaaga	tttggcccca	cccancttta	aaagaccatg	600
tgttgggccc	atTTTTtact	cccgggcgtt	n			631

<210> 2104  
 <211> 531  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(531)  
 <223> n = A,T,C or G

<400> 2104	
agcgttagtg	acatacatga
aacgttttgcg	cacacagcgc
gaagaaacct	cgaaaaacca
60	
gaaagaccaa	gaagaagaaa
gaaaagaagg	ccccgggaatn
aaaaccgaaa	gaacgaagca
120	
arccctccga	aagctcatct
cgccaaaattc	gaaggatcgt
gttcaatgaa	attaaccgaa
180	
tcgtctgaag	aaaggctggt
cgcgaaaactt	ttngaccgca
gagctgaact	cgaagatgaa
240	
actggtattc	tcagcgaatt
atacgacatt	nccagtgtctg
aagcgcccca	accaagacac
300	
tcgccgaaga	acnagacaag
cgatgaacag	aaggctctag
cgctccttgaa	ctttcaaaga
360	
cctgctggcn	gaaggagcgg
aatacaaaaa	tntgtctgcc
nccagcggta	tgccctacaa
420	
cactacgong	ttcnaaaact
ctggggccgat	gccgcgcgcg
gagaaaaaga	acactctgcc
480	
ngaccctenc	cccgtttenc
ccnaacgggg	aaaccttatt
ggaccgcgtg	c
531	

<210> 2105  
 <211> 320  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(320)  
 <223> n = A,T,C or G

<400> 2105	
nggccagctt	cgccaccagt
ccctataagg	caaccancca
ataacatcaa	tagacggtca
60	
tcangaagga	actcncaaac
agtcnttctt	ctgaaggagc
tggactctgc	ccnaaacna
120	
aatgcttggt	atgcttctga
attggagctg	gcacgggaagg
ctggctacgt	ccccaaact
180	
tngtatagtc	ctttgcttga
cancaangcc	actgatactt
tcgacgatga	ggatcgaccn
240	
ctcataagag	gctttgttag
caatgagatc	cgagctttgc
caatgtccac	accgnanttt
300	
aaaagccagc	cgtgtctctt
320	

<210> 2106  
 <211> 177  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(177)  
 <223> n = A,T,C or G

<400> 2106	
nggctttttc	ttgtngaaaa
aaaccttggt	tttggaantt
gggacnaaaa	aaaaaaaacc
60	
ctgggattcn	ggcctttcaa
tgggataaac	ctanccantt
ccttgggaaa	ncccgtagga
120	
tgggggggtcc	tttgggntaa
acccccaaaac	aattccccga
cctgnaggct	tttgggc
177	

<210> 2107

<211> 473  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(473)  
 <223> n = A,T,C or G

<400> 2107  
 ncgcccgcgc ttaaactnatt agatttttgga tgccaaccca gatgtgatag ctctcaaatt 60  
 ggggatattt atnttgcaaa tacagagaca acgtgccccca ccgatattca agcgctcagc 120  
 cgcgcaaaag atgaggctgt acaaaacctt gaagctttta taagtgcact tgctcgcaac 180  
 aagatnaata caccaccag cgacgatagc gacagcgatg atgacgatag agagatgagc 240  
 gagcagggtc cgggaaacaa gaagcaagac cccggngaag gctncttcaa gcagcgnatt 300  
 gttccgaacc accagcctgg aggaattttc ctccagccga aaacgcttgtt cgctgcccc 360  
 ataaacttgn cttaatatgc tgnagntggc gactccctgg ataagctgca caacgaacaa 420  
 gtgcgcgttc aaaccanggc acgcgggcaa ccgngggcgc aaaagggttg tac 473

<210> 2108  
 <211> 628  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(628)  
 <223> n = A,T,C or G

<400> 2108  
 tttttaacaa acaaatcatt atgctcatgg totactgtctg ctactaccaa attcatttga 60  
 atcgtctaat ggccttaaaa cgcttcccaa tccanattcaa aagctccttc actgatctcg 120  
 aaagatatat cagtgtccag atgcccactc aacagcacca cttcacatgc accacgctca 180  
 ctactaccaa caccatgtca tctccgcta attttggtat cattgaatga ttaaaccgact 240  
 tcgcccggcaa tggcgaacat ctaacctcag cttcacttgc ctggngaggc ccataagcct 300  
 tcatatctag gcatacaagc agctgacgcc gtcattgcac gtgtattttc gttgcaccca 360  
 tgatgggatt tctctgtcgc aagatgttta ctgggaagcg cactgcacgc gctcaccacc 420  
 gggngggcca tctctgtcat cgcattccat atgcccggga gccaccgaaa actntgnttt 480  
 gggcaaaagt tgtengangt ccttcaggct ggcaggctcg gacatggcat caccaggaag 540  
 aacgttctgg acaacagggg gggnggaaaa acctttcgga ngcttttnaa aaacttcggg 600  
 gttattcggg ccaattnttt ttggggaa 628

<210> 2109  
 <211> 132  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(132)  
 <223> n = A,T,C or G

<400> 2109  
 ntatatataa naagttgctt ngnaacacac ttctattcata gncaattaga acntttgnga 60  
 gatgcgtccn tntttgcana atantttctaa tttnttttgc tttctctggg ngccttttnc 120  
 nttatcattt at 132

<210> 2110  
 <211> 616  
 <212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(616)

<223> n = A,T,C or G

<400> 2110

caaaacatca	atacaacaat	ttccatttcc	ttttttctata	tttccttatt	tcctttgtca	60
ggctcttattt	ccttacaaac	cttcgcttct	tctcagtcgt	ctttgccaac	agtttagttt	120
cacttcattg	tttccaattg	tcaattattt	cgactcttct	cccatacaac	gatattcaaa	180
atgcattctg	ccatctttgc	catctttgct	atctccggtc	tcgccgctgc	ttctcccaac	240
tccaagcccc	agaccgaatg	tgagggcctc	gtccccctcg	gtctcgagtc	agtcagtag	300
tacgtctgcg	gcaagaatgg	cttncgtgga	tactgtctcg	aagacccttg	cgacaagaag	360
tggtgccgag	actttgcctc	aagacttgcg	accttgnctt	catcactgag	cctgaaccac	420
ctgtcgtcgn	caaccctgtg	taggtggcac	gagtgaggag	ctgagacagt	tccactgncg	480
ccctcaagcc	acttcaactga	cttccatcgg	cgaatgtgct	cctggaacag	gatttttcca	540
gaactggctc	aacggtctcg	tgggatgctg	caagtctgag	cttgcactgg	cgatgcgggt	600
gtctggcccc	atacca					616

<210> 2111

<211> 526

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(526)

<223> n = A,T,C or G

<400> 2111

ttcatttttc	tcaatgactt	cgtttttttg	tattattctc	tcttttttct	aaccaattga	60
tattattatt	ctgtcttttt	tctttactat	agttatttcc	gttctttatt	tccttccact	120
gtctttttaca	acaatacaat	caataccaat	cgagaacctc	cgaaagaata	tattttctct	180
ttcttttcaat	atcaacaaca	aattccttcc	ttattctcat	tattctatac	cggtttctta	240
atgcttgga	actttatcgg	ggtcagggac	caggattcct	attcgaactc	gacatttcta	300
tctcccacgt	ctgcgacggg	ttacagcagc	ttctctacca	acaacaatca	atatcaacaa	360
gaaaacgaca	caatatgcgc	aaaggaacac	gccctcctcc	gctgaactca	gcacgtctcg	420
aagccgcggt	ctctccgnan	tctcgacacc	ctcagccatt	gccanggaag	tcactccgct	480
actgacactc	tccggaanaa	ttgatnaacc	tcaggactgt	cctcgg		526

<210> 2112

<211> 409

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(409)

<223> n = A,T,C or G

<400> 2112

atcgaactca	aaaatgaggt	tcttccaaat	gggcgganac	nagttattcg	gtccaacggt	60
ccaaatctaa	caaaattgct	ggtaggtttg	gaacgggcaa	aatcgcagca	tgagtttaatt	120
accttanttc	ccttcctgtac	ggnagtggat	cacccccccta	catcgaatgg	nggctacccc	180
gaggncgcac	tcaanattttg	ttgaacctag	gttatcaagg	atatcaggac	atcagtgcat	240
natcgcgggc	tgcacagcgc	aagctgtggc	taaaatcctt	tcattcccat	tcatgcntgc	300
ataataaact	gcacaacact	tgatcatgana	ccattgttta	tgcaacaaat	catggattac	360
tggtcctgac	tggtctactc	aggtaattac	cgggggatga	taccggagg		409

<210> 2113  
 <211> 626  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(626)  
 <223> n = A,T,C or G

```
<400> 2113
ttcgcgtcta cgagtttggc cctgaggatg gcgaaaaggt cctttttgtc catggtatca      60
gcacgccttg catcacactt gctcctatta cctcgcctt ttctaagcga ggctaccgag      120
tgatgctctt cgatctatct ggtcgtggct tctctgatgg gtgtcgtga tattcctcac      180
gatgcccgtc tctacgtctc tcagatgctt ctcgttctaa ctttcaagcc cctctcgctt      240
gggaacgggg cacngaattg cttttcccgga actttggctn ggttaccttc ttctcgggng      300
gggggtaatt ggccaatccc acttttggcg aatggctttt cccaaaaccc tcggtnccgg      360
tgaantnttt ggtccctttc ttgcgccnca aggcctnggaa ctttaatccc ggcgcccggc      420
cttncctttc ggcgcgggtg tcttccccgg tttcccttct tncggctctc tgggtctttcg      480
tccccctgaa gcggttnatt tnggccttgn aanccaaaaca acgttcgggt cgttctntca      540
agaaaacccc attcgtttgc ctttcggcaa agggcccggt tttctaacgg nggcccaatc      600
ggaaatcttg gtcacggaac gccccac                                     626
```

<210> 2114  
 <211> 620  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(620)  
 <223> n = A,T,C or G

```
<400> 2114
gtctgagcca gcacactgtc gacttcttcc tcaacgatac cattcccaag tggcacaccc      60
ctgccaaact caccacccga gttattcccc cggctctccc cgtccagatc cccgacctg      120
atctccagcc cggcattctc ctgtctctcc agggtgatta ctcttcgggc cgacgcgact      180
acaacgggat ttccaaccat ctccgcagcg ttgttcgaaa ggctggcgag gaggcgagg      240
gccacagccc caagaacgct agcctccatg ttatcggaac tggtaactct cctgagggtc      300
ctgacctagt taaggaccac gtccacttcg atcagggtct ttcatacccc gacttctaca      360
ctctgtgtgc caagtgcgtc gctctccttc ctgcgttcgc ctctgatata tacttcgacc      420
gcaaggcttc ctgcactatt cccgcattcc tgatcgcagg agcccccatc gttgcgacag      480
aggagctgct caaggcttac tcttacatgc ctccgcaggc tacttggttg gcccgaccag      540
gtgagggcga gatggatgtc atcgagcgag taattgacga ccgagacggn ttnccttaacg      600
aagacaagcc cgtgagggat                                     620
```

<210> 2115  
 <211> 412  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(412)  
 <223> n = A,T,C or G

```
<400> 2115
ctcactcatg glagccatct gctaccacaa atcgtccgcc tcacgccctt gaggetcgca      60
taaataccgc cgtctctaata atcctccttc cgcggtatcc atacctcta caatatcttt      120
tcgacatccc tcccatccct tccggcgctt gtcgacgcag cactatecga acaatgcctt      180
```



ccctaacggt	cctcatacct	ctgggtcattt	tgatcgccct	acctctgata	ggaaaacttc	240
ttcgcacgtt	tcttgggatg	gtctcttcga	aaacaaacan	aagggtcgccg	cgcccacctt	300
ctgggcctca	tgacaaagga	agnacacagc	tgctcttcnc	aagggacccc	caaggtacgc	360
tgaaaaaaaa	ccnctgtntt	caactttnan	aaaaaccng	caaaaccctt	ga	412

<210> 2116  
 <211> 624  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(624)  
 <223> n = A,T,C or G

<400> 2116	
annattttcca	acgatatgac
ataccagcat	ctgggtgcgg
ctctttcattt	ctacctgata
actctcacat	tgccacggc
aatgattttca	aagacgatct
tctcttgatg	aagcgaccga
cttcaagatg	aagatgcttt
gagccctgt	ctgtcttttg
ctcatcgctt	agagtaacca
ttttgggaag	cttctgaata
anggcctttg	agcatattcc
	tgan
	60
	120
	180
	240
	300
	360
	420
	480
	540
	600
	624

<210> 2117  
 <211> 623  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(623)  
 <223> n = A,T,C or G

<400> 2117	
ttctgcatct	ctaactaatt
gtgttaccaa	ctttgtcggt
acctgaacttt	tgttctcttct
atcgactctg	caacaactat
tttctccaag	caagtccttc
cgaggagtct	accaccgctg
aaccgcgcac	gaatccaata
cccggaaaaa	acgacaagga
ctagagagaa	ggngggcgnt
ggacccttct	ttacccaaan
centggnggt	ggggggggtt
	atn
	60
	120
	180
	240
	300
	360
	420
	480
	540
	600
	623

<210> 2118  
 <211> 417  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(417)  
 <223> n = A,T,C or G

```

<400> 2118
cggcattcaca aacaaagata aactcaatgg caccgtnaaa agatctaggt tnggggtcaag      60
tcctcgccccg anccctntcc tcatacaacac tctctcaacc accaactctc gtctcccgcc      120
aaaccgtcna naccgtcacc gttactgcan acaatggaaa cagcncccaa actctaagcg      180
gcggancaat tgctgggtatt gtcattgggt ccatctttgg aattctcttc cttctntgga      240
tcattcgctc gtgcaccaac ctagggtgcg cgccacagga gaggggagaag tggatatcact      300
acaaggaaga gcctcgacat catcacgcgt cgcaaagtan acggtcgcat cggncganca      360
tttctgcccc cctccattgt ggtaggggact cgagatcgag aattatcgcc ggggaag      417

```

```

<210> 2119
<211> 774
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(774)
<223> n = A,T,C or G

```

```

<400> 2119
ttgggtgtata tatatactcg aggaaaggac acctgcagtt tgatagecgtc atttcgatct      60
accaaccgcc aactcagctc aagccaacac agccttactt atcaaccgac gcctcaatcg      120
ctggcagcca actctattga cttttcccaa ccaatattcc taccctcaca aattttcttgc      180
acaaaaacat cattttaccc tactcgaact ccaactaccg caaaaatggc tgccccctgct      240
gaaaagacca tcaccgacct tagtggtaaa tgggttctga acaagacact ttctgatagc      300
tcagagccca tccttgcccc ccaggggcatc ggctacctta ctcgtaaggg cattggaatg      360
gtacacaatta ccattgatgt caaccaatac agtgccccctc ctaaaacacc aaacacctcc      420
actgacgtct ttactcacat cgacatcacc cagtctgctt ctggcttgac aagcaccag      480
gagaaccgggt gccttgactt tgagcagcgc gagcactctg actggctatt tgggtgctgtc      540
aagggcgctt ccgattcgt cactcttgat gangtcgaag gacgactttt ttcaagcagg      600
gtggctcgt tgaggccgac ggcaaattcg tccaaagcat tcgcgganag tggtgacaat      660
gggtgggtcg ccaaccanaa tctggggctt tcgaagaaaa tcaagggtga naagaaatat      720
ntcaggcaen tcctgggttac caaagggttac caaaagggtc cgggccaagc tcat      774

```

```

<210> 2120
<211> 543
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(543)
<223> n = A,T,C or G

```

```

<400> 2120
ttggccttgt tcaggggccat ctcaccatac tactactctc tcagcgaagg gggcaacatg      60
ttcttatata acgacgctat gtatctggca gagcggctct ctgagtttgc tgatgcgtgg      120
aanaagcgcg aagacctgac tcccagagcc cggaatatgc tgcgacttga aaacgacatc      180
aadaacctac aaagctttgc taatcgagcgt taccaccaac agatgaacat ccagaaaaac      240
atccttgcgc atttccctcg nggagctcaa agtctgctgc atcaggatga atgggagctc      300
tgogttaaagt ggcaacnggt cgcattcneg cganggcate tgtctggaaa tccattcttg      360
ctcgtaaant tggacacang cttaggtnc ctgntgatgc tggccaacna actgacacaa      420
cgctccttgaa atgtcttcat tgggangaga nggctcaata tanccaagge nttgtttgca      480
caaaactnat gacctttctg ccccgttta cggctctgaag ggcaatgggn ggtctnaaca      540

```

```

<210> 2121
<211> 636
<212> DNA

```

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(636)

<223> n = A,T,C or G

<400> 2121

naagtactct	tccaaatatt	gtacattnat	ggatagccat	ttnaagctta	catanactta	60
aggtagntgg	tctccttaat	cttggccctt	ctntnctt	gcacgcct	cttgagctct	120
tctcgctttt	gtgcggcctn	aacgttgtgt	ncaacacct	tggtctctc	gccaagaatg	180
ttgatagact	gctgntggat	agggatcttg	ggagctaagg	cttcaagggt	gccttcggcc	240
aatagctnng	ncatcatgagc	cttttgacgc	tttgntgcca	gnnttctttg	cttcttggt	300
ttgagaattc	gtnttnagcg	tctgcgttcg	cgaatcanog	tcttcttctt	ccatccaaac	360
acntncacaa	ccactctggg	tactcgcggg	atgtttcnaa	cagggtnctg	cccaagtctt	420
ggtgtagtnc	agtnogetga	gaactcttaa	tcccaatact	ctctcttncc	ttcccatcgg	480
gjaatgggca	atcttggga	tgcggaangg	atntggctat	nanaatttgc	ctgacattc	540
tgggctacat	tcttgggtna	aataccgcct	tttainttga	gtccatntac	tttgaccggn	600
aaaggcaagc	cggggaggcc	gttttgaaat	ggaccg			636

<210> 2122

<211> 298

<212> DNA

<213> Fusarium venenatum

<400> 2122

gccagcgaca	agaagagctt	gcccttgaga	aggagaagac	cgcgaaggct	aagcgtgatg	60
ctgagctcaa	gggtcttgac	gccaaaggctc	agaagcgata	cctcgagaag	gagagggaga	120
aggagatgcg	caagagccaa	aagcgacaga	ctcagcgagc	ttaaagccgc	tggtgggaat	180
ttaatatgtg	taaggatata	tgggagggca	aatagtggga	atctgcaatg	ccatgggtgt	240
atagtgtagg	agcgaggatc	tgtattagta	gttattaaca	gcctaattcc	ttatgatg	298

<210> 2123

<211> 429

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(429)

<223> n = A,T,C or G

<400> 2123

atcaattggt	cctgggtcgc	atgtaalyca	gcaagcagtc	agagaatata	tgaagctgct	60
gtaateatgc	ctcctcgagt	gcgcggcgca	tgcacgccgc	tggttggtct	cgatgccgcc	120
gtttctatct	cctccaggag	ctcctcctcc	ccattcctcc	gaacgttctc	gacaacgcca	180
tgccgcgaga	aaatgagcaa	gggtcgcgcg	aggatgttcg	agtggctgaa	caatggcggt	240
ggtaggagtc	ttgctgaggc	tggtaccagc	cctaactacc	ttggtctctc	ccaagatcag	300
cttttctctc	tcaacccctt	gttccgaaat	caacctgtgc	tgcccgatca	gacacgcgag	360
actatctatg	cccagggtgat	anqcaaagggt	gagtcgctca	aggcggtgtc	tgctgaaatg	420
gacatcgac						429

<210> 2124

<211> 792

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(792)

<223> n = A,T,C or G

<400> 2124

ctttgactgg	tattggattc	aaacaacgta	ttccgacttc	ggcactgcgc	cagtctcaat	60
acttcaaaac	agcgacgac	accacccagc	aaaaaccgct	acaatgcgtt	cagtgcgcga	120
gcctctgctg	cttctcgctg	ccgcagctct	ttgctctgct	ggcccgctac	ctagagatag	180
tctccatgat	gctggctact	catacctcat	gcgcgcgagac	tgtgactcat	actgcgggtc	240
cgacaatcaa	tactgctgcg	gctctggcga	gacctgcgag	acctccgacg	gagtcgcaaa	300
atgtgtcgct	gcnaaaggag	gctgggttgg	cgactatacc	accacctgga	cagagaccag	360
gacttacacc	agcacactca	tgacctgttg	ggaacctgca	ccagaaccaa	ccaagggcgt	420
tgattgtgtt	cccaagaatg	acgagcagga	gcaatgcggt	gagatctgct	gcgctggctg	480
gcagacttgc	gectacaagg	gtcagtgtct	ggcaaaaacct	ggttacgatg	cgcccaccgc	540
cgttgtcatc	actagcgatg	gaaaactcac	cacccaatac	tcgggtccct	accgaatcnc	600
tggtaccacc	accatcgta	acaacggggc	acctactgan	aacaatctng	ttctgcgact	660
gagaccgaac	ccnaaacccc	nnccctgaa	acaatnatna	agctgccncc	tggnaaaacc	720
gtactnqcg	gaagtttgaa	ttcccgcnca	ttctgggttc	ccnttgtttt	ttccccgggt	780
ttcaactgenc	cg					792

<210> 2125

<211> 263

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(263)

<223> n = A,T,C or G

<400> 2125

natTTTTnaa	caacaatntg	accacccgtt	ccatcantgg	aagtcgcnaa	aaagaatctt	60
cccttccata	anactctctc	tggttgcctc	gctctacttg	ggccatnata	aaaactnggg	120
naaacttttt	cnggaccaa	agtgcctgg	ccctncact	tggaactgga	aaggatccgn	180
ggggcttttg	nttgattctt	cttcggaaan	aatgaactgg	aaaaggtgca	ctactgaggn	240
ccctctctcan	ttnaaaaagg	aaa				263

<210> 2126

<211> 519

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(519)

<223> n = A,T,C or G

<400> 2126

gcgatggaag	ttgactcgct	tgtggaccat	gttccggcga	tcaagcgatc	agattccgag	60
ttaccacett	tgtttcttgc	gtctgggtgat	gtcccatga	cagatgcctc	gtcgcacgct	120
gcgacccctg	ttctaggttc	agcagtgggc	gacacgtttg	caaaaaccaa	aactccggac	180
ttgggggtgc	aatttccctc	tgtaccgtcg	ttcgatagta	ctggactggg	aattcacagt	240
gggacaactc	ccagactgtg	gggtgtcgca	cattcgcttc	tttcaaatcc	gttaccgagt	300
cttttttgac	cgcacagcgt	caatggcata	gctgctcatc	ccagtcaagt	aaagaagaaa	360
ctcagctcca	gcgactaac	gaaaagtccg	atgaacaang	ctgggtggcaa	gantgctggc	420
ggccacgctg	ttcttaaacc	tccatctcaa	gccctgaaga	nacaaaggte	gacatantaa	480
tcgactcaac	tcgatcgana	acctacggag	agcatgatt			519

<210> 2127

<211> 577

<212> DNA

<213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(577)  
 <223> n = A,T,C or G

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<400> 2127
tttgcctttcc attgcgacct cgtctatggt atcaggccat cttttcagct agacaacaaa      60
ttcattgggt cgctattat catgatgaac atcgaacttc ctgcatacaca agtctgcgat      120
cgatccaacg cgactgggtg agccaaccag gtccgcgata cccttaagat aacctccaat      180
ccatcgaaca tatccgctca catccacaca ctgcctacg agaagtctcc tcagcgaata      240
tggcaagcat tccctgggtcg ccgcattgat tggtaacgac ttggggcacga gctgggggtta      300
tggaatcgat tttgggcttg gctctacatc tgtctatgca naaggcattg tccggagatg      360
gatggcaatg ttttatcaaa gaacacctgc cctccaaaa gtattggact gataatggng      420
ccatatatca atccatttgg naaccggtga catgaacacc tattaatgga ctctggtgt      480
tccgcggcat ccttannaaa aaaanaacttt ttgatgnccc cnggtntcaa aaaaataccc      540
tqgaacataa aaanaaaatn ttngcccttt ttntctt      577
```

<210> 2128  
 <211> 540  
 <212> DNA  
 <213> *Fusarium venenatum*

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<400> 2128
ttgtggcatc aatggaaaca tagcttcata cggacatggc cagccatcag gagaagctca      60
ccccccggat ggtcttccca tttgggatcc cactggagcc gaaacttcat acgagggggcc      120
gtataatcaa gccgctcagc gatgggctag agaggctcaa agacagcagc cctcgctaca      180
cccacaggat tctgcctcaa cagacttttc catggaaggc acagcagacc gtagttcata      240
tgggacgggc taccagaacc atgcaagtaa tggccatgga aattcatggc tttcacagcc      300
atccgcctac caacagaacc aaaatgcatt tgcgcacaat ggccatcaag agtacggggg      360
cgaacacagg tacaatccgg gtccctcgca tcagcaatta gatggacagc attggtccgg      420
gaaccctcgg gagcctactg cttcagctga agaaactcgc gatcatacct atagatggta      480
ttgateccagt tgggcattga agaagaattt gaacaagact cgaagacaaa aggtttatga      540
```

<210> 2129  
 <211> 643  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(643)  
 <223> n = A,T,C or G

```
<400> 2129
cgacgggtgcc tctgtctgt caaccggaac ttcattctgt cggcacaagt cttctcgtc      60
tcacaagaag cgctcaagat caaactcgag cgagcgcgga cgcggcttcg cagagtcctat      120
ctttgggtggc ggcgaccgtt atgggaagca caatgcctct cgcgcttctt tctttgggct      180
cggaggcggc aacagtagcc gctccagctt ctttggaac aatcgtctct cttactacaa      240
angetccct cgtcagggtt tegtccaaaa gacctacaag cagctcaagc gtctctctcg      300
cjatctgggt cactgggcca agcgccaccc ctggaaggnc ttttctatgg tcatcatgcr      360
cttgtaacgg gcggagctct gactgctctc ctgctcgtt cggcttgccc atccaccgcg      420
cattgagcgc atgctcggcg tagcctncaa ggctgctacg ggcgactcgt ccggcttggtg      480
gcgaactggt cgcattgggc agtggttttg gcgnaacact tctggtcgcy tggagcgcg      540
tcgcactant tcacatggan gaggaagagt ggtgcnctca tggggtgngg cttntgaatg      600
gncagaagtg attangngcc tcttttfaagc agcgaacaga atg      643
```

<210> 2130  
 <211> 589  
 <212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(589)

<223> n = A,T,C or G

<400> 2130

ctcatccctg	aaagcgataa	ccaacaacgc	ctgetgcagc	tgaaacttat	caagaaggcg	60
ggtatcgacg	tgcttcagtt	tgtcaagact	caagcgtggc	tgatgtatga	tgacctgggc	120
ccaccacagc	acggatgtcc	agccaagggg	tcgttcagta	tcacgcacc	cggcccaccc	180
acggcaagac	aaggctcgacc	tgtgaaacca	gattttctttg	gcgacgacga	aaagttcatt	240
gacacagcac	atgaaaacct	aatccgggtca	ctagaatggc	tcctactggt	gcaagaaaca	300
tggccaagcg	tcttctcaat	gggaactaga	atttacaagt	tcttcttgcg	aaacatgcat	360
ctcaatgctg	ctcgccagct	gatgaagcgg	gtgtcctttg	cggatgtttt	gcaggcagcc	420
acagaanaca	gcagtgatga	natggatatg	tacgaagaca	tcctccgagtt	ctgggctaag	480
caattgagcg	gananatatt	cgtgacgtgt	caacctcagca	agccctctca	gacgccccgc	540
aagttccgcg	aactggaaaa	tctagtaaga	actctggata	ctctnnaaaa		589

<210> 2131

<211> 305

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(305)

<223> n = A,T,C or G

<400> 2131

ttcgtctgtga	caagtgcggt	aaaggctaca	agcatagcag	ctgcttgact	aagcacttgt	60
gggaacacac	acctgagtgg	gcattgactt	ccaagttgct	catttcacaaa	catcaacaag	120
tccagctgct	tgaagctgct	tctgttcttg	taaccatgaa	cggcattgaa	ggcaacgctg	180
ccactctctc	tgagtctact	aaggactttc	agagtgaggc	gggcatnate	gctgctacct	240
ccaatacttt	gacctgagg	agcgacagag	ntttgccgac	antacaccac	ctcctttacc	300
gaagg						305

<210> 2132

<211> 259

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(259)

<223> n = A,T,C or G

<400> 2132

cctgcacag	ccaagatgcc	tcgngcaatc	agaggcgcttc	ttatcgaatg	cgatccctcc	60
atcaaatcca	tcattgttag	catcgatagt	gccaaccatg	actacataat	cgaagatctc	120
gacgacgaac	gagtagtggt	caaagaaaac	atggctcgat	gctcaaggcc	agctttgaag	180
atcgactaaa	ggaaaacctg	cctnccgagg	aggaatctgg	ctnanatagg	aataagaata	240
gaacccctcg	gcnqgttcc					259

<210> 2133

<211> 487

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature  
 <222> (1)...(487)  
 <223> n = A,T,C or G

<400> 2133  
 gggggcggac tccgtgccct ggatctcggg gagatcgctt ccagcttctt cgtcaggtcc 60  
 gaggaccagg tcaaaaagaa ggatgatgag gaggacaagc ccgctgccaa gtcggccctg 120  
 aagaagctgt cgcctacgct gctgggtcaaa agaagaagct cgaggctgct gccaaagcgtg 180  
 ccgagaanga tgctcangat gangctgctc gtcttgctgt tcttgaggag gccaaagaaga 240  
 tcaagatcac caacgacctt ccttaccgga gcctgtctcg atcggccttc aggagaccga 300  
 tcctctttga ttggtactct ccgaaaganc aaggacgacc tacagaaggc gtcaagcgtg 360  
 tttccgttca gggccgtgtc accgtgtggc caagcanggt tgtcttatct ttgtcctctg 420  
 cgacgtggtc ttactacat gcagtgtctc cttctctggc atctttccaa gactacaang 480  
 ctcttac 487

<210> 2134  
 <211> 635  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(635)  
 <223> n = A,T,C or G

<400> 2134  
 gatcgcgacg tcaacctacg cattccatct tgtcttccgt ttcgtaagg cttgcgctat 60  
 cgacnaaacc agtttgtgcc caaaaccttc aacctccatg ttacgggttt cgagtcctcta 120  
 aaacagggtt cctggaatca attgatcggc ttgtcgatct aactgaataa agaagcgcgt 180  
 atccgaaagc agcagcacat gtccgactat ccagggtgctt gtctcctna naaactccgc 240  
 ccgccaaagc tgggttttca gggcgatagc gacgacgggt ttgacataac gaacttcnaa 300  
 aagttttgcan acgngggtgt tgataggaat aacnactcta tgcctatcaa tcgccaaagc 360  
 aaccataacg ccgtcgctca naattcgga gccaatctac tgataccctc cagcacaact 420  
 acgtctctct ctntttatca ctcccgacaa tgaacgccga anacganaca gcggactctt 480  
 ctccgccccct ggggtttaana accctttcaa ttccagacg cagggtgatct ctgcaggccc 540  
 tgtcaagtca aacattggga caacgtcgcg gacacagata caaacacagt agtatctcgt 600  
 ctcaacatca aatcttttaa aaaaccnccc ggaga 635

<210> 2135  
 <211> 245  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(245)  
 <223> n = A,T,C or G

<400> 2135  
 atctccttca cactagatcc atcaccagc cacagtcaag aacttcttgg agtacttggg 60  
 tgatggatct agtgtaagg agattgctgc gctgcgaat gaggttctg agtgggttgg 120  
 aggattccct cagccttggc tcaagtcatt atgtttttta tgagtggtag caagattaat 180  
 ttggcgcttt ggaaaatagt atattgatac agaattgact ttaaattatc tattecnaaa 240  
 aaaaa 245

<210> 2136  
 <211> 552  
 <212> DNA  
 <213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(552)
<223> n = A,T,C or G

<400> 2136
ctacctcttt gttacagaca ccggaacctt tctcagcttt actaccactt taactattca      60
tcatggagcc cgagactcga gccacttctt cctttgagaa ggatgcccac aagacaaagg      120
acaatgcctc caagggcaag accagaagca attctctctt caccatcagc tctggcttca      180
ccttctttgc tgccttctct ggaggatcca gttcatcctc ttccaggcca tctcttttcc      240
gataaatacc caacaccaac tcttggtcca ttctctgttt tccgtctttc cgtttatacc      300
cagtcctttt gtttattgtt ttatttttct tacacattgg attttgctng ctccactact      360
ttttatgaaa ccccggtttt gatacgggca cttgcttttc ccgtgcttta cttctcccac      420
cacaatgaaa taaattacgg tctttccacc canccgttng tggcctccaa cttcnaacaa      480
ctcaatcana aatttgccga acaanataca agtttttccc ttnacaactt aatgttcaaa      540
ntttttnttc tc                                         552

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<210> 2137
<211> 621
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(621)
<223> n = A,T,C or G

<400> 2137
cagttctctg ttattaccgg aaaacaagtc gatcaagaca ctccactcagt ctcatctata      60
tatctactat aactacttct acaactcacc atgccttctt ctgtcaagag ctggtttgcc      120
cgccattggc ctctctccacc acctctcaac aacaactctc aatgtccctg cacaacctgc      180
ttcaatggag gctcccactc caacaactca gccgcattct ctgtgtcttc aacaagacct      240
tcaggactgt caagagttga ctccggacaat gcttctctca gcagcgccac aaccgtcgct      300
gcttcatcat atatcgagac acccaccagg caatgatcgc aaccaactag tcatcatgac      360
tgattgattg accctgggtc ttgacgaat tactaccgga acgaatagcg agtttcatgc      420
ttatcttttt gccctttctt catcttttaa tctataccca catcatcttt acgtttggcg      480
tctgtcggga aataaacaaa ggatagatag ccaagtatct atacttgaga tacgcatnct      540
catcacaagc tgaaaatctt acggggccga agtgagagat tggtcgattc ngttcngggt      600
ccgaggcgga gacaaaccca t                                         621

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<210> 2138
<211> 116
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(116)
<223> n = A,T,C or G

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<400> 2138
nanaggcctt tgccagctcg anaagaagcg caaggccttc gatganacta tacagacnng      60
ctcaagcaca nacaacgaac tgccctcgat gcagcatcga ccatganaga gctata      116

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<210> 2139
<211> 603
<212> DNA
<213> Fusarium venenatum

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<220>

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<221> misc\_feature  
 <222> (1)...(603)  
 <223> n = A,T,C or G

<400> 2139  
 gcacggtgaa atgcaaacac ccaagtgcc a tgcggggaag gacggataca accttggtcaa 60  
 ggaagtaagc cagtcgtgaa tgacctgctt cagcctctct cctgtacaag agtgtctcct 120  
 canaaaagag cttgacacca ggagcacctg cgacaagacc gatggcaatg gcaatcanaa 180  
 gagcgaattg gggcgcaaaa aagaaatcga tcgaggttga caatgcatca tagggctcgt 240  
 ggaacaaacc aacgaacatg atgccttctt tgggggttgt ggcaagacca agcagggcgc 300  
 ctgctaacac agcgaggccc atctcagcaa agaaagcagc ccctgcgcgg tattgctgga 360  
 gcatagcacg gcaaagacaa agccaggctt gtttatagta tggcgcacct cgtttcttga 420  
 gggcctggcg catgcctgtg tcgccaanca tagtggacct gatactcctg cctcataagc 480  
 ctncntttgc ttgntttggc catntttccc aatgcganat aagggtctct tggacacatc 540  
 gccacctggt gtcttttcac ccgttccagt ggtgatttca ntaatccct caccnggggt 600  
 gln 603

<210> 2140  
 <211> 617  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(617)  
 <223> n = A,T,C or G

<400> 2140  
 gagaaagctt atnccgagagc gnanggagtc ngctanaaaag cnaaaacaag aggaagaagc 60  
 tccgtgaggaa gccgagcgca gagagcgcat ccaaaagaag ttagatgcta tgggacctgc 120  
 gccagagaaa aagacagcaa agaaggagtc tgcagacaag tccaatgatg ttctcgcatcc 180  
 tacacatatt caacaacgag agagccctgg agcttcgagc cagcctcctg cagtgcacaaa 240  
 tgatgggtgat cattcggtcg ctcatgagcg gccacaagat tctgaaagcc aaataacgaa 300  
 ttcattctcca aggcattggag ctgctgccag gcgtgtatct catagtcaag aagccaaccc 360  
 accgagcttt ggggagcanc tgtggtctca cgacangacc gagccgtttc gacatggggc 420  
 accggatcac aggcagtggc ccgcaatgtc tggggctccc taataatgac agangccttg 480  
 gtaatggtct ttcagcacgg gtatcnggcg natgcccttt ggacagccgn cctggttgtt 540  
 aaagnagcaa ngggtcggn aactattgctn nttctaaacg ntaccaaca cnttanaag 600  
 ctttagnggc cccggn 617

<210> 2141  
 <211> 663  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(663)  
 <223> n = A,T,C or G

<400> 2141  
 gttcaacagc tttatcgacg agatccaatt gggtaattac gttggtgtct gcaaaatggc 60  
 tggcttcgctc agaactggta gcgcaatgct atcgagaata gctacgccat cgacatgtct 120  
 cgctaaaagg acattcacca catctctcgc cttccgaaca ggaccaaga ttaccacaga 180  
 cgaggaaaact tcaccggctg tcaatccctt tggccggtct gatcctttcg ttagaqatcc 240  
 atctgcccag gcccgatctg aagctctagg caagqccgct tccgaaaacac gatcgaaacc 300  
 ttttatcggc agtatccctc ctgcccctcc tcgcatgtgt ccngaggccg ccgaatcaaa 360  
 gaccaccagc catgcctagc atgccaccaa accatactca ctgggataac gcccaagatc 420  
 attgccaaca agtccagcgc gttcggcaat gaagaagctt caagacccta taaccctgcc 480  
 ccaaatctgt gcgaagcctg ttaccggctg cacaatcttt gtcaaggatt acataaccaa 540

aaccaacggt cctactccta aggggtgctct caagattctc aacaaggatt gtccgaaaag	600
gaccaagtca agaacaata ccacaagcaa aatccccgacg aanggtntaa gagaagaggt	660
tgc	663

<210> 2142  
 <211> 562  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(562)  
 <223> n = A,T,C or G

<400> 2142	
gaaatcaaca gtcgctgtgc acgcttgaca ccaaacttcg agagaattac aggaaaacct	60
ggcaactatg caagctcaaa tgggtactgct tacactcgac ccgaaaacct agcctggaag	120
gaccaggaca agcctgggtt tgggtggtatc aacgttgtag gaggtcttac taccagcagc	180
gtntcgacta agagcctcgn tgcagctcat tgtggcgcgt ggcccatggc cgtcaacatg	240
ttcgaagagg ccgaactcga gagctatcag cctgccttc cccaagttct cgaactattc	300
aacaagggtca aagccaacca gacagaaaag cgacagtggg ggggatcgaa tcaatggtgg	360
ggaacangtg gaagtcagca agccaagttc acgagtacca atggaagccc gnattctttc	420
aggcggttac agactctatg accgacagga cangttngat tccagatcgg ttcaatttca	480
agncacgaac ccaaactcga tgaagaggcc tnagaacccc gtatggaaga gtcaattttt	540
tggattcccc agacagatct ga	562

<210> 2143  
 <211> 168  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(168)  
 <223> n = A,T,C or G

<400> 2143	
ntggcnatat actgagtata cagtctngac catcggaat agaaaccatg tntatcaaca	60
aacatgaaaa aantanccgt actgncccca ccagggactt tactgagcga agcatagcgg	120
ccacagnacc actcanacca atgcennccct cagccantgn tctaccaa	168

<210> 2144  
 <211> 626  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(626)  
 <223> n = A,T,C or G

<400> 2144	
cgcccttttg ccagagcccc ggcaatcctg gtcgcggtc tatgacaccc cagcaattgt	60
tccttcgata tcagagtggc tttggtgacg caccacccgg catttccagc caaagcaatg	120
ccttccagaa ccagagtcag ggccagggcc agggacaagg ccacaaccgc cagtcgtccc	180
gattcagctt cgcacaacgac agcgtctggc ctgtaaccaa cgtcaagggt tgcactaacc	240
cgcgcacatc ggcccaacaa tcttccatga tgcccaacac cttcaatccc agggcaacaa	300
ccagttctac ggtgcttcta tgccctggacc ttctccggcc tnaagtcgac cggnaacttc	360
ccaacatggt tgggcagttc cgggtggcaag gctttaatgc gccnaanggc aacttgagtg	420
agattctttt aaagttaatg ggccgaatcg ggttgcaaca accgnnccat gatgcggnaa	480

accggggant ggcctanana tcttgagacc cgagntntctt gaggtgcnat gcagntagtt	540
taaggcacgg cggntcggna gggntttttg tggccaaagt aagggggtnc attncacatt	600
tgatgttaca catttncggn gggggg	626

<210> 2145  
 <211> 192  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(192)  
 <223> n = A,T,C or G

<400> 2145	
cgagagggtta tcacacacta ccgtgatatt gaccatggca tgatcaaagc tagacccccct	60
acacettctc cttagcccaa gctnaagcc tcgtgcccc tttngagtcc gagagcgga	120
gactggacat ttgacatntc tttntcaagg aacaaagaac gagggggaca tttttttgna	180
caanttgcac tt	192

<210> 2146  
 <211> 494  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(494)  
 <223> n = A,T,C or G

<400> 2146	
gaggaggaat acgagccggt cacgacgact atgtcccagg aacgcccagt ggatgaagtc	60
gatgcgatac ctgtcaagtc tactactccg ccccaaacgc agccatcggt tctggtggat	120
catcacaacg aaagcgtgcg tcgcactcgt gtacactctg aaagccctgc ccgtagtccc	180
ggtcgcacaa cacactttgc gcccaaagcc gatcaactac tcgtcaggca cgagccacct	240
ccacgatcat tgtcacctcg aaaatctgct ctcaaattatt caagccctcg tgacgcgtct	300
ccttcagaag atggctcaga cgcacccgtt gcatggtcag gcatgactcg agaagattca	360
gatattttcac gaaagaaaag tgtgcgggtt agttttgatg atggaaacac agcaattatg	420
ggcggangcta cgccggcatc tgatacggat tcgccacggt tagccagtcc tcagtctaag	480
aagccttggc acag	494

<210> 2147  
 <211> 563  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(563)  
 <223> n = A,T,C or G

<400> 2147	
atttattaaa ctaaagtcac gccatgttac ggtactgttt ataacatttt aatttataaac	60
taccaaagt ttctcttttc ttggttttta atgtgattgt cctctattat ctcttggtat	120
tcaggatcat ttccacaccg ccgctattat atcatggcca ccgatgtagg agacgaagaa	180
agagcacatt tacttctctg attaccatca tcatcgccat cgcagcagg tgtaataaca	240
acgccgtatc aacccttaga ccaatatgag agtatcaatc aaggcgatga cgacagttca	300
agcactcata gttctgagtg gccatcacc aaagcgctcg cagactctat gtatctacac	360
cctctcaaca ttggaactcg gcgctttgaa ttccggagtgt tctatatctc gctctatctt	420
tcaggacatt tgaggctctc gggggnattc aatgatcgag gngtgntggc atgnactatc	480

atctnggttg ggcctatatn gacgcaaccg cgcctaaga cgggagactt naattgngtt 540  
tnaaaaatgg gcggtggcga tcg 563

<210> 2148  
<211> 638  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(638)  
<223> n = A,T,C or G

<400> 2148  
aaccaaccca ccaatccata gcctatctta cactgtattc gtttgtattt accaacgatt 60  
aacctcggat tategctttt tcttcttcgt ctctcctaaa cctgtttatt ttccatctcc 120  
gctcgtcaaa cacggacggc cccacgtaca agacaatgtc tgtaccggct acatacaagc 180  
cttcgectct tggctatggc tcgtctccta ctgcgagctc tccatttcgt cgagccgaat 240  
ctcctgcttc accgtctccc ctccgaaata ccacagtcac accgactggg tcccctacaa 300  
aggccggacc ctttggctct acttcgcgct tcgctagagc taccacttcc acaagcacac 360  
aaccanctg gacagcaaaa gcccaagact ctgtgaaaga cgaaatgggt tcccatacct 420  
ccgcgattgt cagacctcga acaccggatc aaagtcactc ggcagtggta acgcgctgcg 480  
caattgcaga acacaatgcg aactacgag atcctttaga tcatggaccg agactgtgat 540  
gngtgtgacc gagaagacgt acagatatgc ttaaccagct aggttacgt cagccagtt 600  
gtgctgcngg tttctacat ggngcttaa catagcta 638

<210> 2149  
<211> 847  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(847)  
<223> n = A,T,C or G

<400> 2149  
gctttgtgtt ttcatagcag gggagccgct ctccctcacc tctctggctg caacatcaac 60  
aaacctcata actaaggag caaccgagct caccacggct tcggccagaa cgatacacat 120  
actaaccaac agggacgcta cagtgggaga catatcgcca tattcgagtt ggagcgaagt 180  
gaaagagact ttggcctgta tcttgacagag cattcaagag ctccacggca ttcgacaagc 240  
tacacataag aaacctatat tagacaccct cggcctgcct caaaatgggc cactccagtt 300  
cggacagcta ccattgccgg ccctcagtg accgacagcc ctggtacctg gcgtcaccgg 360  
cgactcaacg agattactag acgtcgtaat gcgacgacct tttcagagaa gaacgtccgc 420  
cagatcgctt acaatgttat tgcgctgcta ggattctggt ctgcgcagct cctagcgaag 480  
ctcaacattg gctctcaagc cgttcccagt tcttttagag tatacttggg ctgggcttgg 540  
tttattcttc aacttatccc ctccatcaac attggcattg cctgtttgct ttgattcgac 600  
cgaaagacga tctatccgac atccntntaa atctgccagc gccactgntg gggctagatc 660  
cttcgtcggg cnggccaaact tctgacacca aagttcagca ctccccctng antcttttgg 720  
acacctttca tcggcgggtc antcggaagc ccgaggaagt tacaacaggt ngcttttttt 780  
ggncgaggna gtcccttgg ttnaaggatc cccatngggt agccctnttt ttccanaaaa 840  
accccnt

<210> 2150  
<211> 590  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature

<222> (1)...(590)  
<223> n = A,T,C or G

```
<400> 2150
aaggaacatc aagattcgta ttagagtctc ttgtcacagt ccagatcatc gcgccagctc      60
tgcccaggcc tgccatacta tcgccatatt tgtgccagca actttgtatt gccagccctc      120
cttacatccg gcttctgaat agactcggtc tttcagaagc gcataccaat aagaccgaca      180
tcggtaatca tggctaccat ggcagcggct gctcgtgata tctcccaggc ctcttgagc      240
cgagacaact tanctgttgt agcggcccga ggcgtccctg cgactgtgac acgctctcaa      300
caaccctcc ctactcccc aactccatct ctcccaacct gccgcctcac gggcttaagn      360
gcagctccag aagccaagct tgacctatcg actcagactg gacttcacga ccttcggatc      420
nagcatatga tctcccaccc tcgaggctcg ggtgcataat gctctctcct cgcaaataca      480
ctgcanaaat cnctcatcat gtccttggtg tcnctatat gggactaac ctcgtagcgg      540
atccggatcc tccacaagng cgaaatatct ggacttgaag tcagagaaag      590
```

<210> 2151  
<211> 276  
<212> DNA  
<213> *Fusarium venenatum*

<220>  
<221> misc\_feature  
<222> (1)...(276)  
<223> n = A,T,C or G

```
<400> 2151
cnttacaaga gtatccattc tttaccttga acgcgcaatc ggctttcgctc attcttcgng      60
atcgataatt ctggttgcta tataccaagg ccataaaagc attcactctc gattcgctta      120
tactntttcc aactacaac actctacgat actacctatc tacctacacc aaacaactcg      180
cccatnatgt ctgcattca gatcccgctc gacgttatta cgtcccgctt caactttggc      240
gaccgcttca gagccttoga tctggtcctc tcagcg      276
```

<210> 2152  
<211> 140  
<212> DNA  
<213> *Fusarium venenatum*

<220>  
<221> misc\_feature  
<222> (1)...(140)  
<223> n = A,T,C or G

```
<400> 2152
gacggccact atcaggaagg cgaattcccn tccatnaact ngccattgac ctnagccan      60
aggccctctt gngagactat atacatnctg tcccanttac ngccgntccc tctctgntca      120
cactatacaa tggctactct      140
```

<210> 2153  
<211> 588  
<212> DNA  
<213> *Fusarium venenatum*

<220>  
<221> misc\_feature  
<222> (1)...(588)  
<223> n = A,T,C or G

```
<400> 2153
ctgcctatga aaccatccca tagaaaccgc ctcaagttca actggttctc ttctcatatg      60
ggacacggga acttatagta tctgcagcg aaaaagcaaa aactcaccat ctgaagatcc      120
```

atcatcaccg	ccatcttcac	cagcatcatc	ccttacatca	acaccacaag	ctcttctaca	180
cgaagctttt	cagagccgaa	aaatccgta	ccgcttgca	ggatctcact	tacctgatcc	240
ttacgtcttg	aaccttcgct	tgaccaagtc	agaagatata	gctggtagac	ggaaaagtgg	300
gagcagcct	cggaaacgaa	actcccgc	gccaactaga	tactcatggg	acgagtggg	360
aggacaaaat	gangatatcc	tgcatcgct	gatcagaccc	aacgcagaaa	gcctctcagc	420
catggagcgt	gagatacgca	actanaaaca	agagtcgtag	acaatgctat	ccaggggctc	480
tatactcgca	agngcgactc	tccaaatgag	agtganattg	tcacttaagt	gaacatntaa	540
ccatttcaaa	gnaacaaaac	ncaaactttg	tcaattttgt	tcctntta		588

<210> 2154

<211> 699

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(699)

<223> n = A,T,C or G

<400> 2154						
gtggattgac	ccgcctttcc	cctctcagat	cacagagtca	gtccatatca	taaacctcaa	60
ccccgctatt	catcatagct	gtctgcgttg	atctctgtgc	tctttcaact	caaacgtata	120
cctggatcac	tatataacgc	cagcctcaat	taacacaatg	ggcgccgaca	ttcaacaatg	180
gacgatagag	aagccttggc	ttgagacgca	ttgtctcttg	ggcgaaggac	ctttctatga	240
gaaatctacc	gacactttgc	gctttgtcga	cattcgtaac	aagcgattgc	attacgtcaa	300
ggtcgctgag	ggcctttcat	ccctcagaac	agttcaagtt	ggatgtatgt	cctactgtca	360
cggccaacat	tgttgggctg	cgacccacag	gagcgaatcg	ctctgggtgt	caagtattgg	420
attggcgatt	tttgatgtca	agaaggagac	atatgaactc	ttccagccat	tcgaagagcc	480
ggcgaatgag	cgtttactta	gtaatgacgg	cgggggtggac	cctcttggcc	ggtctggctc	540
ggataccttt	ttcagacttt	ggtctttgaa	gacccttcac	tcctgaatgt	gagctgagtt	600
atctcttgga	ttccaagtgt	tttggatgtg	gaacttttcg	atggtgacta	ttcccaaaac	660
accacnctgg	ttggcttcog	gatnggaaga	cactatttt			699

<210> 2155

<211> 556

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(556)

<223> n = A,T,C or G

<400> 2155						
gccaggctac	gtgaactaac	gcatcgtaac	acaccattcc	ttgtgatata	gcatcaaggg	60
gcttctgttt	tcacatctca	cgattcttgg	tactaaacac	actctagaaa	ttcccactat	120
gccccgtcga	ggccgaggtg	gcaggatgcc	ctcagggcct	tggggaagat	tgaagcccgt	180
cgagcaagac	ccgttgctag	atatgggact	tcctctctaa	ggagacgata	ggttgcttaa	240
ccacaaaacc	caggaatggt	actacaacca	aatcatttca	cgttcccttg	cattttgcac	300
cgaagcgggt	gataaggact	caatcatacg	cagttttgaa	gcccttgaca	taagagcagt	360
cgattcaacc	cctgccacgc	ggtatactaa	accttcaccc	ggatattgtac	caacatcagc	420
agcaacaccc	acggctgtag	tgtcatcaaa	gacctcttcg	acatcagctg	cagatgctat	480
aagagttgga	aggggtgctga	tttggcatcg	gacgatcccg	cgttttantic	acattttcgc	540
tggcaggccc	attgga					556

<210> 2156

<211> 574

<212> DNA

<213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(574)  
 <223> n = A,T,C or G

<400> 2156  
 ggtagggttag ggtcttattc tagtcgcagt cgcactacac tccaaccacc tgctcatact 60  
 cttttaacaa aacaacaact gttgctgctg ctgtcaaatt tcgcatcaaa cttggacatt 120  
 atacaacctc aaaccgcaaa catgcttctt ccgtctgcgc taccttgcca tgcgtcgcac 180  
 tcgtctcatt cccgacttca acaatctctc ttctctctc ctgccagtc cccggctcct 240  
 tcgcacagtt ctttcgccaa cctcatgact acttgctgct ctctccaatc gctcttatca 300  
 atgcccgcgc ccattggtat cgactctcgt cctgctcctt acaataacgc tcaactacca 360  
 acccaccgnt cgtnacgcag ttcttcttga agtgccgctg cgaccgggccc ccacgccgtg 420  
 agctgtcgac ccaagaagta caaagcgcgc cggacangcc tgcacaaaaa cgccgngttg 480  
 ccacatattg gccgtgtata caggatcggn aggatacgnn gtgtttgngc aaggacttan 540  
 accaacgcn atgtccncaa tcttgctgac gttg 574

<210> 2157  
 <211> 703  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(703)  
 <223> n = A,T,C or G

<400> 2157  
 cagggttttcg tctcgaggat ccattttatct accgtccaca acaaaaaact tcaagtgatc 60  
 aacactttac tacttgctat ttagcaacag ctatagctct tcgaagcttc aatcacaaca 120  
 ttcacctcga actatcatca cgaaccaccg caacaatgtt cggttcatac agctccatta 180  
 gctccatgtg cgtttcttct gcgcccattg atatcgctc tcgcaacatc taccgatctc 240  
 aggactccgc ctgcgctttc ccttcattggc ctcgacgcga ctctctctcc gactctgatc 300  
 gtgaggagcg acccaacttct tatctctccg acaacaacct gttcctctcc gatccattcg 360  
 acgatgatgc ccagaagcgt ctccagcgtt ggcagctctt ctcccgggtg catggcctcg 420  
 cctcccagcc gcattctccga cttcgagctt ctccaggctg aagcgagaac gccaaagctgc 480  
 cattcagcga gactgcatcc gaattgtcac cctcgagaag gagcgtcnac gtgccgcgcg 540  
 acgaaaagca gcgccgtagc aagtctnaca agaagagccc aagaacaaac tcancttcat 600  
 caatgaggag gntattgagt aaacaatgnt tcttgggatc ttnttnacga ctggtacgaa 660  
 tttacgatag cgctgntttt tgcattacaa tggnaatatg atn 703

<210> 2158  
 <211> 668  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(668)  
 <223> n = A,T,C or G

<400> 2158  
 ccaaaagccg atgttatcat ggttcaggac ttttcacggt attccgatga tctcttacga 60  
 cgaattgaag gatcttcagc ctgtttatgg gctattggag ctgctccaga tccctcccac 120  
 tcccactcac acaaagacaa ggcttatctt caccacgtca atgttcaact acctttatac 180  
 gccgccaaaa tcatgagcga gcgcacgcgc ccaaaaacgc cagcaggcca aaagtccaac 240  
 tttgtatttg ccagcaacaa gtcaagatca tcttcactgc ttctgcttgg ggacccgcgc 300  
 aagcccaagt cggaggccga aaagggctta tgcgagattg cagacgccag ccttgaaacg 360  
 ttttagcgtt ggatcttgag gccacgaccc atcctactcg cctcaccaga tgccatccca 420  
 aggaagagac gtagtcttgt tggagggcgg tcaattatcg gcgttgaggt ctctcacatg 480

gcaaaggctt	ttgtcaaaag	ttgcctgcga	gggttacagg	gagcgtgtca	ttgatagtga	540
tgccatatta	aagatgacat	ttatctagac	tgggcagcaa	ctaactatac	agtactatgg	600
agatgtcttt	ggtggggagt	aattttttgt	ggattttatag	cggattttatn	gcgaggatcgc	660
ggggggccg						668

<210> 2159  
 <211> 592  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(592)  
 <223> n = A,T,C or G

<400> 2159						
cgcttcaaca	agaatggccg	caagagtnnt	tttgcaacat	ctcgcgatgtc	gtgcgatcga	60
gtgtccacta	gcattgacct	ccgacccagc	atctcccgc	agactacagg	caatggcaac	120
ggtnacggcg	ttgggtttggg	tctcaccaat	gagaacgaaa	aggctcgagtt	cgctgcgtca	180
agttacgata	ctgcgcgatag	aggcactacg	cctgggtcccc	gagccgacna	tgtgcacttt	240
cagtcaactc	accgagccaa	caatgccaaag	agaaaaacca	ccagtgcctg	gactgccttt	300
gtttttgtgg	tgagaacgcg	actgctcaag	cttggtcgac	gatggagaaa	tacaccaatg	360
agaccaagac	caaactcaag	accaggctgt	ctggcaacaa	aaagancttt	gttgtcaaaa	420
ctccctatca	gaattatcac	ccacaacagg	cggcgagtcc	attcaacagc	tcctatttcc	480
cgacaccatn	tncccccacgc	cgattgatct	acacagactc	ngcactaagc	ggcaatcaca	540
cattttaccgc	gangctactt	ccttacacga	taccttgatt	tttacaatgc	gt	592

<210> 2160  
 <211> 886  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(886)  
 <223> n = A,T,C or G

<400> 2160						
caccttcaaa	ccaaatcaac	ttcacttaca	atcttctgct	ttcacgcaaa	agcagaacca	60
gctacaacaa	ccagatctat	ccgatcaatt	cacaaacccc	aatcatcatg	acagaagaac	120
tctccaagggt	cgactcagcc	gtccaagggtc	tctcaagctc	accccccaag	gaagagaaga	180
agacacggcg	acaaagctca	gcagcggcac	ctgggtgtcta	caacgtcaat	gacctcgagg	240
ccgagggcat	tgagctcgag	ctccctattg	agagtcaaaa	gactggatgg	aaaatcaaca	300
agagctctag	cacagtagaa	gacgtgtcta	tcctcaagct	tcacctcacg	aaaccccccg	360
tcaagagaat	tacccttcac	ttcccattag	gggtggagggt	gcaagcacga	aacctcaagg	420
gtgtaacaat	caaggacgca	cttgatgcca	tcacaaagca	gtacaagaag	cgggcccgatg	480
atgagctcga	caagccctac	ctcgtgtggt	tcgagtggga	caaggaaaaa	tcattggaccc	540
gacttggtgt	tcacttgcag	gcccagccca	cggccacaga	ctccgccggg	ggngggnaag	600
aagaagaaga	acnagaagaa	cgaagaataa	tttctctcgg	caactatgat	atctcttcca	660
atacttcta	taattcttgt	tcctttccct	ggtttcgttg	cgagtcggcg	ctcgggatat	720
tgcgctctaga	taltctcggg	cgggtcatat	tctgcgcgat	tgctgggagc	atcgccctggt	780
gtactcctct	actcatagtt	ctttgtatcg	ctggctcgatt	cggctcggcgt	tcclagggttc	840
catgatgtca	tggttccctt	acataatata	cattccccaa	ccaacc		886

<210> 2161  
 <211> 666  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>



<221> misc\_feature  
 <222> (1)...(666)  
 <223> n = A,T,C or G

```
<400> 2161
cttctttttac gactcaccac ataccataacc taccatacaa tacatacaat aacagagtcg      60
tcaactgttc gcagttgatt caacctatctt tcatacgttt tatattcacg atacgagagc      120
atcccataacc attcactgct ttcgtcaccc tccatccctcc gggttaggcc ccgctcttct      180
ggcgcgctac tcaactcagt ctcaactttt tccggtccct ctctcgctct gctcaactat      240
aaccgcgcca gccgcgccc acgggggttta ttctctccct acctaccttc ggacagacgc      300
cactaccgcg gatcagcaaa tacataaaact agccgacgtt cccctcggc gtcgcccctg      360
gccatgttgg aaccacaggg catgagaggg cctattgacc aaaccgttgg ctatggacac      420
tctcgaacac aaacatcttc ttcaaacgcc tatcccatgc aattccaaac ctctcacctt      480
gccaaccggg cccaatttc tccanaaccg tcgctcgctt tctgtgaata ccttttagtac      540
cgnatcgagc atcctctnct gcagcctacc ggtcttcttc aattctgac ttcgcgatct      600
acatctaccg ttcaggggga gccagcaacc agnccctcca gctatgtggc tctcttgccg      660
aagcaa                                         666
```

<210> 2162  
 <211> 568  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(568)  
 <223> n = A,T,C or G

```
<400> 2162
cgacgttttc gaacaagaac tgtgaaaaaa agaaaagaaa ggatggaacg ttgttgacca      60
acaagggcat tgaaagtgcg cccgtgacaa cagagacagc gtaaatacanc aaagcaaaga      120
caagcacggg gtcgtcacac ccgcccgcga agcagaacat cccgaggccc gagcccgcgt      180
cctgggaacg ccaaagaaga aagctgggac gtgtttgatt gggtggcaca caaaaaaggc      240
ccccctcgcc tgttgcaact tgcaaggggg gccatgaatt gcaactgtac aacgcgactg      300
ttactagggg gagagactca gtcaggactt ggggtggcgt cagaggacag ggagtactca      360
gccagatagc gagccttgac tgtttaagga gaatggactt ttgggtgacc gcttatcaan      420
gtgagattgg ggggtgtttg actaaggatg gaatgacatn ctttttntcg tgaaaagcaa      480
ccgtgatggg aangatcttg acatgtcctt ggtaatatatt ggtcatgcag tagagattac      540
tcaaccatta catcaatatt cacattcn                                         568
```

<210> 2163  
 <211> 425  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(425)  
 <223> n = A,T,C or G

```
<400> 2163
tttgttttaa tagtattgga cccgtttctg gacatgtctt taacalltctc ttctcttctg      60
atcttgaggg atnctcttgg atgatgtatt ttggatgtg ttattttttt tactcnatac      120
ggcacaggat angggggaac ancacacaac acaagttttg atgtgttncc agataatgat      180
ctctgaacat ggtcacctat ttcaactgtc atctgcattt tctctctctac ttccctctat      240
cgcatctcat ggatggttct tctattttatg ctttggttatg actgggggata tgcattgatt      300
gccatatagc gcaaagttgg tnattctgac tctgggntng cacatlllta taatgggnac      360
tactttcaat atcccattaa acacacgatt caaggcatnt natatatatta atttttttct      420
ttcat                                         425
```

<210> 2164  
 <211> 465  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(465)  
 <223> n = A,T,C or G

<400> 2164	
gaattatttc attatagcaa gatctgcgac ccagcaggac gatcagcaca gctgtgaaga	60
ccctgaacaa tttggccagc cactttaaga tgtcccgtta tttcagacaa aggccatttc	120
atcgaacctg actgcaaagc cggacagtca aaacacatat gatgtacaac ttcattccca	180
accacgtaca cagacgcctt ctcgaaatcc gccacagactg cacactgaac ggcgtcgtca	240
aatgtctgaag aggaatcacg ttagtgcgtc gtgttcagc gaggaatctg tctctgaaca	300
ggaqacogta tactcgcggc aggcgaaatc agaccagcca aqccctcttg atcgtgtcgg	360
catgcacgtt ttgcgacgag acagagaatc ctaggtnngc tangggacct gtngacgccg	420
gaccttttg caccgtttgc cggttaatct ttccaaaagg cggtc	465

<210> 2165  
 <211> 146  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(146)  
 <223> n = A,T,C or G

<400> 2165	
ntacgagcgc ganengatcc canactgggg cggccttccc ccgncctttg netttgagcn	60
tctcagcenc tttatggcat acggtttctg catggctcct gtacagatna agtgggtcct	120
attcctnngg cntatnttcc ccgcac	146

<210> 2166  
 <211> 454  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(454)  
 <223> n = A,T,C or G

<400> 2166	
caacatcatt caagcatctc cggttcaagt ctaactacca acactctacc aaacgcctag	60
ttcgtgateg acacgactcc agtcggtcga atcctgaaca tataccaagt cgccggcaat	120
ggcctcctcc aaagtaacct gccctcaacc ctnggagggg ccgagcccga gccctgtcat	180
gatctttttc acgacctgct agatggcata acaacctatc anggccaga tttgtgtatc	240
tcccttctgc ctcttcagga aatgcagcag tctcngagge cattgactca nacccttct	300
ccgatgtcgt ccacgtcgtc ggccctcccc ggccgtcaat cccacgtcgt gacgagctcg	360
cactcgttgc tcacaggcgc tctcaacgcc aaccatagag tgactcgacg caagtctgtc	420
acaaaccoga atgcgaacgt taccgcgacg gccg	454

<210> 2167  
 <211> 337  
 <212> DNA  
 <213> Fusarium venenatum

```

<400> 2167
caaaaggagg cccgttgata ttcagggttc ctttttcgtc catgtgaaaa ctcttcacgg      60
ccaaaagcgg atgtgaacta tctctgtcga accagggtc gatcaaagcg gcggaatcgg      120
tcgaaagatt gaaggaagca atacgcctcg tccatcaacc accaaaggaa tagattttacg      180
atcaggcgat gcacgatgc ccagaccgac aagcatcagc actcatcact cacatactga      240
tgacacggaa atgacagcct gcttcgctcc cgtctagatc agataaccgt gtggatcctc      300
gttctctgcc aatacaatca catcttagag ataaaaa      337

```

```

<210> 2168
<211> 830
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(830)
<223> n = A,T,C or G

```

```

<400> 2168
canaaacttg ctgagttcat ggctgancaa gctgccattg cccgtcgagc tgcagcact      60
aaccctcgca cccccctcgc cgagcctatc aacaagcaca cgagcaacat ctacagcaca      120
ccttcaaaag ggcacagtgc gatgggggtc gatggatacc taactcccc gatcaccncg      180
gacggtaaca ctttaattggg taaccacaac ttggccaagg aatnatatgt tttgcctcgg      240
cgatgcccgag tcacccctac gctnctcac catgcggnag tatatgggtca tcaacaacaa      300
caacaacaaa accaatacgt cggatacgtt aaccagcatg gcatgaacca ataattgtct      360
tcatgacaag atattgaatc gacaattcga cctcgacgtt caccatgta catcaccttg      420
actttcatac acaatctttt gcgacattct attatttgtt cgaaatcatt gcatggtcgc      480
acaacaagaa tgatctttca catttggtat ttttttggca tttagcgact tggtttcctt      540
tttttcccc gcgattcaac aacatttttt ttttatatca acatcaagtc tagcggcacc      600
aaaaaaagga aatccgcgga atcatactcc tttcttcttc attttcagca aacttctgca      660
ttttatttta tcangctcca tacactgctc cccgggtgtg aaagatcngc ataccccgaa      720
gaagtctaca acagtcacat ctgggtaacn gtgggtgacta nattacagtt gaagacctct      780
cacaccggan tcaagacaaa agaacgagaa nccccaaagt cctccantga      830

```

```

<210> 2169
<211> 545
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(545)
<223> n = A,T,C or G

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<400> 2169
cgggcctcac catgacaagc ctgagcacgg tcttgagggt ttccgcgcgc agggacatga      60
gggacacccc ccaccaccac ctctctctca ccatcccatc attgtgattc tcggcgtcct      120
cgccattgca ctcgtctctt tcagcggcat tgccattgcc tacatccacc gccgcatagc      180
tcgtctcagc cccaggtctc gacgtgccat ccgcgcgcga ttccgtcaat ctcggaaga      240
cccccgcagg ggtccgctt tgaaggctgc gtaccgagct ttcatttctc gatgtgtcga      300
gaacgaagaa gatgagaagg aggcacatgc tcaaggtgac cgcgcggaag gttttttct      360
gcaagcagcg tgaccatgga agaagagatt gcttctttcc gcgaggctgc taacatgggc      420
gacggcaten ttgctgcgca anaagccaca acacacagc tcgctnttac agctatgtcc      480
aagccctcta ttttttttcg cccaacacat caccacccgt tygggggna taccgtactt      540
tcgca

```

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<210> 2170
<211> 349
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(349)
<223> n = A,T,C or G

<400> 2170
gctgatgccg gtactcctgt ctcttctggt gatgcccacg gacctccaac cgagccaaac      60
tcccgtcctc acagcactgt cagccctcag gctgctggac ccgccaacaa ggtcttcgat      120
aacgctcaga gccgcactag cacatccagt ccaaccgggt gtcccccttc ccgggatatg      180
aaccttggt ccaagtctaa ccangctggt gctcggttg ctcccatcgg aaccgcgcc      240
tctggtacac cacaacctg ctccatctaa gcgatcgaca cccctcggc tccctggtgg      300
ttnggggacn tggaaacggc tttggggcca ntctctgtct cggtgcccc      349

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```

<210> 2171
<211> 358
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(358)
<223> n = A,T,C or G

<400> 2171
cttancaata tganctctac aaactgtggt gcgngtggtg acgcctnctt tggteccattt      60
gttccctccc aatgccgcca tggettnagc tttaccctca tctttgaaca gaccattctt      120
gtgcttttac cagcctctct tcttcttggt attgcacctt tncgtatctt ccgcctccga      180
aacgctcaag tcaaagtcac gggccatcgt ctctgtcttg taagttggcg cttantgctc      240
tcttggtcgg ctccatttgt gctcgtcngt gctctgggca antctaaact gtgcttccaa      300
acgcgctnta gacgcgnttc cattgntggt gcattgtgnt nctttgcctc cagtttaa      358

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```

<210> 2172
<211> 198
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(198)
<223> n = A,T,C or G

<400> 2172
naaggaaggg tttttaccga tttngagngt ttcagntttt ccgacttaaa naagcagnga      60
cnattttaaa anagcgang ggtttggcca agggnaaggc ctcccnaaaa anggtatta      120
acttggaaca cnggaggtct taaaagttgg gttaaaaanaa gggcccggaa aaggnaaaaa      180
anaaaaancg gttgaaaaa                                198

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```

<210> 2173
<211> 545
<212> DNA
<213> Fusarium venenatum

```

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<220>
<221> misc feature
<222> (1)...(545)
<223> n = A,T,C or G

<400> 2173
tcctcatcaa ccgtctcaac tcctcaatcg gcattccgtg acgggatcat ctcatatcgg      60

```

gaaggctctc	caatgcaatt	tectcnaaag	ttgaantgca	aatcgtggtg	gaacgcaaag	120
tgggtgagat	aacaaagaag	ggtcanagca	atctcaacaa	ttgtctgcat	aaaaaaactc	180
catectgcac	tgagaaccca	ntatccgact	acgaaatatt	tttggcgaca	ccgtgacttc	240
acgatgtctg	agaatcaaac	acaagaccca	aacccaagga	agtcgacgtc	ccgggcgtga	300
aggacaccga	gaatgttata	actgacaaga	nggaagccat	tctcctggct	cgaaccgcac	360
cctatcntcg	tcataaatct	cgtcggggccc	gaagaagctc	cctttgggat	ccaaaaagat	420
tectccggtc	cncgattcga	gttctacgaa	aagctccttt	tcaacggngg	aaaagaaggg	480
gaaanttggg	cacantttnc	aagccttccg	gngaacaacn	aanggaagtt	tttgggcccc	540
cccaa						545

<210> 2174

<211> 456

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(456)

<223> n = A,T,C or G

<400> 2174

gctttcgaca	atcttcagat	tacagcctcc	gaaatcgcgga	gtttgaccaa	gtgggagggga	60
acaaaatggg	ctaaggaaaa	gtatgagaag	gagcnggggat	ncattattca	tgacaccacc	120
gccgatggat	tccccgactg	gaccgatatt	caacattttac	ctcgcgcttc	tcgcagtcac	180
tccgcagaag	ttgggttatat	gggacttgac	gacctggata	acgacatgga	agttgaaagt	240
gaagatgagc	tgggacagtg	taggcgttga	actgaacgag	cgtctcagag	atggagttgc	300
aagacgcgag	gctgggtgat	acttcagctg	tcctcgacga	agaatgggaa	cagtggctca	360
agaacgcctt	cgaatcaggc	gagatcaact	ttctgaacga	ccacgtcttc	cangaaagtg	420
accagtantc	gctgcgcctt	tcccacangt	ttgctc			456

<210> 2175

<211> 419

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(419)

<223> n = A,T,C or G

<400> 2175

gttttaaagaa	caatcgagat	cttttgaggg	tggtggtgat	gccganacga	cgttgtcgca	60
gttctatgat	cagtcttttag	ctttgcataa	tccagtcctt	tcatcccagc	ttgacagttt	120
ccaanaaacg	acttttgagg	agacttnttt	ngagggaaact	tcattcatga	ctactcttgc	180
tgnaaaacgg	gttgatgcga	cagagtctgn	accgtcatat	ctttccgatt	nggaggacat	240
accacctgca	ccgaaaatat	tggccctgca	ccccagact	atcacgctta	atatcattgn	300
tgggataata	tccatcgccc	agccgcggac	agtcaccacg	cgtgggggcc	gcacctctc	360
cctnatcgag	attctactcg	gagacnaaac	aaagacaggt	tcgctgtcac	attttggtc	419

<210> 2176

<211> 621

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(621)

<223> n = A,T,C or G

<400> 2176

cttattcaag	gccacttagt	gtttctttta	agaacatcgt	ctctgccccat	caaactatca	60
agaggcgata	cgatcaacaa	gtgggttcctg	catatctcaa	cttgcaccag	tggtcttcct	120
cccactttac	acacttaccc	accggacctc	catcttccatc	ttcatcttca	ccctgaaaca	180
actctcactc	aacttacaat	togacatcat	catcactcaa	ataccatcca	tctttaagac	240
aactgacgag	tccccgaaa	gtcgacccaaa	agaggatcct	ttaccgtgtc	caatcccaca	300
tccgccagaa	acatctcaga	ccctgcgaaa	ctttgattca	caacaagctt	cactcccttc	360
tggaatgcaa	agtgcagata	aacgtgggtg	cactctgagc	tttcaactac	aagtacaagc	420
ttcgccctgcc	gatacacaa	tcttcacatc	ttcattcaca	tttacctctc	acatttccca	480
caaagacatc	atgacagcct	tgtcagatcc	gtcattcgcc	atgggtccatt	ctcaacctga	540
cgccgaggac	tatgctcgat	atgcccgact	tcaacgtcat	cttnacttta	nggccccatgg	600
acgtgagcat	tcccagccga	t				621

<210> 2177

<211> 616

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(616)

<223> n = A,T,C or G

<400> 2177

cctgcgttac	ccacatttac	atgagattgg	gaatcttctc	tccttgctgc	accgtatctt	60
actctctgct	catatcttat	tatacgattt	gaccattccg	ttttccctct	caatttcttg	120
tttgcctctgc	tcacaaagtg	ccctgtgcga	cccttaactc	tttctgggag	acagagagac	180
tgtctggtgt	ccccgtttta	actatcacgc	cgcacctctc	tgtgaaacgt	ctcgtctcgc	240
ccccctttac	cacctttaca	cagccccctc	ggttgatcac	tgctcaacaa	aggaaacaag	300
cgagccaaga	attgagatta	ctactggaag	gaccggatac	agtggaagaa	ttgtcttgga	360
caatctcttt	ctttaccac	ttcacattcc	tgtcaagcgt	caatctttgg	gccaaaaggg	420
ccctagacga	cttgccaagg	tgtaaacggc	taagaaggaa	ttgaatacct	cgacttctcg	480
cagatcagaa	cccccgacaa	ccaccaacct	acttcactac	tattataagc	ccaaaacngct	540
gagacgttgg	ctggtcagga	acgacgacna	ctctttcttt	caatantnac	tttccaacga	600
ccgggccctt	nggggtt					616

<210> 2178

<211> 360

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(360)

<223> n = A,T,C or G

<400> 2178

attnggattc	cagaaaattgg	cttgacggaa	tgaatggctc	cacaccgctg	atgatatgat	60
tggtggcctt	caaaaacacc	ttgacgccaa	atatgggtggg	ctcaatgcgt	acctagatgg	120
cacgggattt	ggntctgatg	atcgagccaa	gctacaggat	gtcttgcttt	actaagacca	180
agggttcagt	tggggaacgt	catcacatga	gggagggatt	gaatgttcat	cttaggggtgn	240
tggtttctatt	tctttctaaa	tggacccctgt	aaccagcatc	catcacatntt	gagcttttga	300
gctctgttga	cgagcaatct	gtngatcaac	agcaaggctc	ttcactctga	atccgggatg	360

<210> 2179

<211> 520

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(520)

<223> n = A,T,C or G

<400> 2179

tttttttttct	tacaaagaga	ttcccatttt	ttaaattgtac	agtaatatga	tacacgctca	60
tccaccacca	ctcctctacc	tctctttgat	ccatccccctt	gagttggaga	tgcctttgat	120
gttcttggtg	tacttccaaa	ggtggcggta	cttgggtcct	tgctgcttgg	cttcccatcc	180
gcgaggcttg	actggtggct	tgagactgtg	aacacgggta	cgacggaact	cgatatcgga	240
accgggaatg	ttgtgtcggg	ccatgacaag	ctgcggtgtc	tcatcatcgc	tggtctctcc	300
tgcgatgcct	ctcttctgca	tgcctctcgc	gtcccgttac	ccccgaaacc	gtaactacgc	360
tcccgtcgtc	ttcgtcttcg	catgcttggg	ttcttggaa	ttggtactgg	ggcctggggg	420
ccacaagaac	tactgggtcc	cccacaaacg	aggactagan	gagtaatact	gtctnttgag	480
gcgaacanga	tatatacatg	cttttggcaa	tttatttttg			520

<210> 2180

<211> 612

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(612)

<223> n = A,T,C or G

<400> 2180

ngggggnggg	gaacatgata	cctggctacg	attcgcacga	cctaaacaag	tctatgaagc	60
tgcgggtcgt	tgtttatgtc	aaccggccgt	ttatgtttac	ttttttgttc	aacctacgaa	120
cggactcctt	ggccatggaa	tctttatata	gtcccttaca	tcataaactg	gtcctctctc	180
gcaaacctnt	tctcctctcc	acaagatata	gtcccgagcg	acctggcctc	gacaatggct	240
ctagcagcag	taacttgacc	aacagtatct	atgattttgt	ctgggacccc	gtttcattga	300
ctgttccac	atntataccc	aacattcccc	acacatatga	tgattcggat	ccttggactc	360
gtgccgatgc	cctcagcact	catctccacc	ttgnaaatct	ctatgttaat	actcgatccc	420
gttcaactgc	tcttgagcgc	actgaaaagt	ctagtcgngg	atgggggatc	gttggacacc	480
cctgctcgat	cggttggagg	acggctcgac	aagtaacaat	ctctcaacca	tncaaaaagg	540
ggngccgat	gcanatnccg	acacgacgca	ttttttggaa	gaaggatgaa	aaaaagtttc	600
tgggcctgcc	cn					612

<210> 2181

<211> 539

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(539)

<223> n = A,T,C or G

<400> 2181

gagngcctgg	ggatgcanaa	ggccacggcg	gtgggggggt	tgttatanag	cttgtcattg	60
aggangtcda	caatgaggat	aatggtgcat	gggaccaaca	agctgaggac	aatgagatgc	120
cttaactaga	tctttctaac	gatgagaacc	agtgatctct	ggcagctgag	aaqqatqaag	180
agaacttacc	tcttgccccg	atcgaagcac	ctcaaaaacc	ggcgcagaaa	ctagctgttg	240
accttgccgc	tgctattggt	cccgaacctg	gagccgagaa	caagctgctc	agcaaaaacca	300
acacnangct	ccccaaagac	cgcccgctcg	tgttctgttc	tgggaacgat	cctgtccggg	360
gtatccaaacg	cgatcgttaa	tgccttgata	cttccgggta	tctcttatgc	catgggcgan	420
cttcttcttc	tggccttctc	naacaaatga	ctgncacgca	tcacctccca	agaagctctg	480
cggcangtct	ctccacanca	atggggacaa	tcttgtgggtg	gttttacttg	tjatcaaaa	539

<210> 2182

<211> 427

<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(427)  
<223> n = A,T,C or G

<400> 2182  
ggcaaaatgc ctttcacttt agtagagctg ggcttccagg actacgcaag ctcaaacttc 60  
cccttgaatt tgccccaga ttctcaattt attgcatttt gtttatttta tttagaactt 120  
ctggcaagct ctatcctgat tacactacac tttcttttcc ctgctttgcg aaaaaagcaa 180  
gatttggttg cttcttttctg tttgctcgt tagacaaact ctccccactc catctacgcc 240  
tcacctactt cttctctctt acatcctcag tctctcttca tagagcagac tcattgtaca 300  
gtataacaat gcctaaccat gttattctgg atcangtgcc gtagttgccg tctcggtcgc 360  
tgtcgccaac gctgttgcan ttctgagtcg cctgaagtgc gacgatacgc cgatgatgtt 420  
cgcgcga 427

<210> 2183  
<211> 262  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(262)  
<223> n = A,T,C or G

<400> 2183  
gtcggcagca ggatgctttc tegtctgct tcccctaagc tgggtggctc gatgactaag 60  
aagagaaaat cgagcgcgtc tagagtacct aacgggctga ccatgacccg catggacacc 120  
acgccctcac cgggttcgca ggcagctcaa ctggctaagc ccacgtcttc ctttaccctt 180  
ggactttggg ggggtcttcc aggcgagcc ttattnggac aanaaccaat tttttttctt 240  
atgccggccc ctnaccttgg gg 262

<210> 2184  
<211> 566  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(566)  
<223> n = A,T,C or G

<400> 2184  
gaaatgacgg aacgaccttc tacatttact tttgctctca ttccaagatt cgagctgctc 60  
atgtgggtatt cttcttttct tcttctccca ttgtctttgt gtttccatat attttggctt 120  
tcaagactgc tctcttcgct ggtatgaact ctctccttga cacccaagca tatatgtcgg 180  
tggggagact atgtgcatt taataggcct atttggtctc aagaattgct tatagtattt 240  
ggactcgcgg ggataganga ntgcacggg tgggttctg gaatcgtgct ttgccttttt 300  
cttctctttt tttcttgcta cctgtctttg cttgtgggtt tgactttact ctgggttgat 360  
ttggttgant acatgtgcga accacaacat accatgttat ttcttggtgc aagccggtga 420  
tggctaattg ggaagcattg gatttggttc gatatatctc tctttgggca agctattggg 480  
tgggtttctt gtggtcttnc aattttattt tganganact gcttttcttg cangcgtttt 540  
gtgtgcgaag catattctac taggct 566

<210> 2185  
<211> 787  
<212> DNA



<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(787)

<223> n = A,T,C or G

<400> 2185

gttttgatcg	tttcatccaa	gttacgccat	ggagatatcc	gtggtaaaaa	tttgagttca	60
gactcagctt	cagtccttcca	acaactgcaca	atgtgagtga	gtcttccagc	cagccctcgt	120
ctaggtgaca	tcggtcagtc	gaacattctg	cgggtacagc	cagacttgg	ttggacaggg	180
gataaggcgc	gatacctaac	ttgaggggaat	taacaaggct	gcctgccata	cgaattcgac	240
agcgggtcgt	atctctgttc	gtccatccat	atcactttct	ccccgcacgc	tccagtccca	300
gcagcgatga	tgattgcttc	attcccttcg	tttctcgtac	gatgacctct	ttgttacgaa	360
gtccagtgac	cagaggcgca	agtgaccatc	aagggatctt	ccgagtcttg	agatctggat	420
ggaggctaaa	cctttttcttc	tctttccacc	acagaaactt	gntgcgggga	cttgggtgatg	480
gtcggatagc	tttgnatgtc	atccttttgc	gctataagct	tatcaaacgc	ccctggtcga	540
ttttttgtta	aactgnacca	gtagtgggga	tcatnactcg	agtaacgggg	tcggnatggg	600
gcccgtacgc	tcgaaccctt	aaaatagcgg	atgccatgan	ggtnaaaagc	aaggggtaag	660
tcaattggga	aaagtcgatt	ttttgaagga	actttgaata	atcggcgtga	tgttgtttgg	720
acacaangga	atttntacat	tanggaatat	tncaggcaac	nttgatcagg	gtttttttaa	780
agacccc						787

<210> 2186

<211> 615

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(615)

<223> n = A,T,C or G

<400> 2186

ttggcgaaag	tcctgtgtcc	aacccatcca	gcaactcgta	ctctgtcgga	gagcacgcaa	60
gtacagtttc	gaggtcgaca	gagccacata	tctcccaacc	cgactctcct	acggctggac	120
atggtgggtca	tactcgcagc	acatctgatg	tatctggtgt	cactgaaaac	agtggcagac	180
cgccctcggat	agcatctgat	gtgtctggta	tttctgaagg	cgacgcttct	gctctccgac	240
atattacaag	ccctataagc	cctagaagtg	acgatggcaa	catgccttcg	ccgccattcc	300
ctggtatgac	agaggatata	cttcccttct	ctcctgcaga	tctcacgcct	tcacgcnctt	360
ctcttaatac	agcaagtggc	tcctgntcct	gtgtcttctt	ccaagtgcc	acgaggcgcc	420
cggtcgggac	tatnttacag	gcaanggctc	atcaagccc	aatagaaaga	agtatgttta	480
aaggagagcg	aggaagacat	ngggcaaaca	aagtaagcac	acttgggggtg	ggngggggnt	540
atrtgcaaaa	gcnggggttc	taatatrttg	ganggtatat	tatggtcgga	catanggnac	600
atatntagan	ctcgg					615

<210> 2187

<211> 230

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(230)

<223> n = A,T,C or G

<400> 2187

naacgtgnta	tacaactaca	tntacatata	anggggggng	aanctaaata	aaactgtcac	60
ngaggettcc	accccnccgc	ngggggaaaa	ttatatataa	cgtttctcat	gtccacaatt	120
tgngccatgg	gngtactcat	tgtctgggtt	ngggganatg	nagaaacaaa	ngtatgccgc	180

ncaaaaaang gaccgctntt tnggagaggn attcaaggag gagatntctt

230

<210> 2188

<211> 647

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(647)

<223> n = A,T,C or G

<400> 2188

cttagttatg	atcgagcttg	cggtagttgt	tcatgcctgt	tattgggtcca	accgagagat	60
atrgaataaa	ggctgaatac	ccgtcttacc	cgteaagtc	ttgtctagtc	tgtccctatg	120
ttgcactaca	ttcatgatcc	teccaacagc	tctccctct	ctgcagtgc	tecagggtac	180
agagcctcac	atgcagggtt	ccgcccaggc	aagtaggnag	atggcagaat	ctgggtctgtc	240
tatatgtagg	gggccaagcc	atcccglttt	attctccgat	tcttrttact	tergacccag	300
atgtcagcct	gccatgacca	ttagccaaac	ttgttggtcg	acactcgaca	atgccaggcg	360
attgtggatc	gacctgtccg	gcctctgatg	gcttctacgc	ttatagcccg	agtgtagggtg	420
gnaacgccgn	gttactcact	gctttgctct	gcttctcttg	ctgcactata	ctttggaatt	480
cgatccaaga	actacctctt	nttccctngta	ctcacaaccg	gactctttct	cgaagtgtctg	540
ggattttaatg	ggcgaattct	gnttccactta	aaacgggatg	aacaaggnc	cttttttntt	600
ggtatgggtt	ggaacaagtc	tgggnccatc	gctaattgagc	ctcgcca		647

<210> 2189

<211> 353

<212> DNA

<213> *Fusarium venenatum*

<400> 2189

gtgacggcgg	gcagcgaggc	atggctggag	agtgttggtg	gtgatggcgg	aagatgctgt	60
cgcccagcga	aggggctggg	cagtcctctg	ccgaagggcc	gagctcatta	tatgagatgt	120
ggtggtgggt	tttggaagg	tggtcctagg	tggtgatgaa	gaggtgagac	tggatcagta	180
tggagggatc	caggcaagtg	tatattttac	aggagacgta	aagtggctcg	tgcggtgatg	240
gaagataagt	taattctatc	tgggttgagt	ggtaaagagc	aacgggtgga	agagagctta	300
atatatttgt	atctgtctgg	cagtgcact	aaactgtcgg	ttgaaaaaaa	aaa	353

<210> 2190

<211> 385

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(385)

<223> n = A,T,C or G

<400> 2190

caaagctaaa	agtggctatt	cgtcttaaca	aacctgtaac	agtgcgggtc	atcggtctcg	60
tgttaggaagg	aagcttcagg	gacgtctaac	cccttggtgt	gacagggnat	gaatctatgt	120
atatatgcac	agcaacctcc	aacctccctt	ccattccatt	gcctgcagtc	atlgacactt	180
ttgacgggtt	gagtttcact	gcttctgtaa	taaaataggt	tgtttggtgt	gacgttgagc	240
tctgatgggt	atgtgacatg	ttctatgtcg	tgatctgctg	cccaacactg	tcgcttctga	300
gaaggatgtt	gaagaggaga	ccgagcaaac	tccggtntta	gttatgagag	aattgagagg	360
aatgatccan	ccagcttnaa	aaaaa				385

<210> 2191

<211> 594

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(594)

<223> n = A,T,C or G

<400> 2191

cgacctcggt	gaggattctg	tcctgcttga	gtcgccgctt	gataagattg	agccttacca	60
gctgttccgt	aatactttga	tgaaaatgca	agcagaacag	cccccaat	acgggagctt	120
ggctggacac	cttacagccg	atgaccagaa	cgttattcag	aacgtgatgg	tcaaggccga	180
tgagattgcc	acacagcagg	ctcaacaggc	ccagcaagct	cagctcctcg	ctcagcagca	240
ggctgccgct	atggccgcca	gctttgggtg	cacagaacgg	aggtgctagc	taatccagcg	300
aagattgtgg	ttgagagaaa	atcaagttat	tggaaatggt	ttcccccttg	ttatatcccc	360
ttcctctttc	gcgttagggc	aggagtcaag	attccccggg	gaccaagaaa	cgtgttgagc	420
ccatatacaa	agaaagagac	tttagaacgt	gcaacaatga	tggacnaccc	cgcctgggaa	480
ggccttccaa	aagaatgccg	nggtatgatt	ggtattgggc	acttggattg	aaacctatta	540
acgagtgggt	atatgatggg	aaaggacacg	gtagggaacna	acgggttcca	caga	594

<210> 2192

<211> 602

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(602)

<223> n = A,T,C or G

<400> 2192

ttttttttnn	cagctcggtt	attgttttat	actgtacttg	cacgatttgt	ctgccgtctc	60
ggcaaggctc	gtacaagatg	aattcggcta	caacaacaag	tacagagact	tcgaatggct	120
ctgcttctgc	ctctatttct	aaacgcaacg	gtcacgacgt	cacccgcacc	aacggaaatg	180
gaacagccac	gacaggctct	ccaaagaagc	ctggtcaaaa	gtacanacac	gttgctgccg	240
ttcataagca	caagagacca	tcatgtttga	gccacgattc	agatgctgct	cccagcttta	300
ttggcttttc	gaatctcatg	gngattgcct	cngggttgga	aacttacgat	tgatgattga	360
aaacattcaa	aagtgcggtg	ttttgatctg	cgtgagatgt	catgactaca	gtcgccagga	420
tattttcttg	ggtgctctc	tactttctca	tccatgccat	nttnttgccc	cctacttgat	480
tgaactggct	gctgctaaca	agcgcggaaga	tctnttaaac	gttacaacga	tagtgctttt	540
ngngccctt	naaancaaga	gccccacaag	tttcacaaaa	cttgggcatt	ggcnatgggc	600
ct						602

<210> 2193

<211> 673

<212> DNA

<213> Fusarium venenatum

<400> 2193

caaacactaca	ccaagattgt	attgctatcg	acattatttc	accgcacaca	ctgggcctca	60
aganaanata	actttctcgg	cccacatcac	tactctacct	ggctgttgac	ccgaaacagc	120
acgagcttll	gatcaacgat	tgatggatgc	tcacactgct	tacagccaca	attgttttgc	180
gtttacggaa	ttggacttgt	gcaagcctgg	catggcgggg	cgggcatccg	catlgyagtt	240
tgggtctttt	ttaaactgog	aagtttggtt	cattttctct	ttgctatcgc	ggaacatcac	300
cgcctctggg	ttgaactctg	tgttttaatc	atcatgtctg	gtcgccctaa	tctttgaacg	360
ctctccgttg	aacgggcaga	gacggctctta	ataaggattg	agcgcgcaac	agaatgagcc	420
tgttttattt	gtattttacg	agaagaanag	cgaagcctgg	ttttacggct	gtcacgatgt	480
ctccgagagt	gogtctttaa	ctgcgcctac	aacgatgact	tgattqaatg	caaaagactgt	540
ataatggcgc	aggggaaaaag	ggaaatgaaa	tgttagtgat	tgatttggga	aaggaaacaa	600
aaagtttgct	tccttgcgag	gaatgcaatg	caatggattt	gtgctttttc	gaaggaggag	660
ttgggcataa	cag					673

<210> 2194  
 <211> 605  
 <212> DNA  
 <213> Fusarium venenatum

<400> 2194  
 cggcaccag cgatgagaaa gtcattgggag gactttgctc gagccgatga atcgcccaag 60  
 tctgaagatg cgtgctggag ttatctccat attcctggcg tttaaaacca ccaggagctt 120  
 gtcataatcg acaatttcgt actcaccatt ctcttcaacta aaccgtcata atcttcgagg 180  
 agtctttaac ctctttttct atttccagat cccatttccc gcataccgat ttcagggatc 240  
 atgatgattt atgcgatatt tacacggaca cagcgcgcg attaccctaa tgatcccacc 300  
 agcgttgagg gaccacaggg gaacgaacga cactcaagcc ctctcccta cagagctctg 360  
 tatcatttct ctacaaaggc aacaggacgt ggggcgcttc tctgcaaaga cggcgaccaa 420  
 cggctgaatc ttctaggatt ctctgggtgta gagtaatccc agggaggatg ctgattcaaa 480  
 gtcctttctc tagtcaccaa gtccagaagg taacctgtc accatgtcat ggcttgggga 540  
 gggatttact tcttctgctg ggatagaaaa aagcgacttt gcattccgaa gcccttgggc 600  
 ttcac 605

<210> 2195  
 <211> 242  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(242)  
 <223> n = A,T,C or G

<400> 2195  
 ngagangact ttcccgagac ttggccagta ctgaanaagt ggtttggaga ggttcgtccc 60  
 gctgcaacca tggtagctgc tgcattgatg aaggaagaga tgaanattga aatccaagtc 120  
 cctgctagaa taggatgtgg naaacaggaa aanatagacc catggttgcc atctaaaaaa 180  
 aaanaaaaaa aaaaatttnt gccgcngctt ngagcttgct ttaaccgggc ccacttcccc 240  
 ct 242

<210> 2196  
 <211> 517  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(517)  
 <223> n = A,T,C or G

<400> 2196  
 gcaagatgct tccagtcatt cattgctttt tgtagccaag ccgaagcagt taccagtcac 60  
 tctttattgt tcaaaatgct gccaaaggta tgcctactct tccattcttt gtttgccct 120  
 ctctqcatcg cgcgcgacaa caacaacacc agtcaatatg ccgcgaccag cggcacagtc 180  
 tgggccaagc cccacgatag ttactctctg tcaataggcg ttctcgggtg naaaatcgac 240  
 acgaatcgca tgccttattg gcccaattcc atcgattgag acaatatctg catctccttg 300  
 acctaccaag acgtccgctc tatctctctc gcctcgatca atcccaagge gcgcacgacg 360  
 ttagctatga tgcattggaat tacctctaca ctggctacag cggccacgac aagcctacag 420  
 cgggggggccc tgcgaaatg actacganaa ttcaatgctt ccaaatgcaa gcatttgatc 480  
 gatacaiaagg gtgcuaatta ccttaacgc cgcacac 517

<210> 2197  
 <211> 633  
 <212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(633)

<223> n = A,T,C or G

<400> 2197

ggggatgcaa	gcaaattgat	tgagaataga	agcaacttgc	attcatcttc	gcatcacccg	60
attaattccc	acgatggctc	attacatcga	tttcaccact	gcctctaccc	ctacctgttc	120
cctctctgct	atccctccta	ctaccacagga	tccctgttgc	tttactcgtc	ttatcgacaa	180
gcaattcggg	cttgacaaga	ccaaaaatgg	tccggcggat	gagcatcagg	cttggggccat	240
gagctacaac	aaacagcttg	cctctcagca	gctacgggtc	agccagcaat	atgatcagat	300
tgcgcctctt	caggggatga	cctctgatct	ccatgcgaag	cccgcagacc	ctcagctcct	360
tcnaaacatc	agccaggctg	agcagcttct	tggagcttca	cccttctacc	gacgctcaaa	420
tcttggggagc	ggagcttntt	catgcccagg	gctgggtccaa	agaggccgtt	gctaagcaag	480
tccaatacca	gttgccctgac	caagttgcgc	ctgaagctgc	ctcccgcctt	gaccttcgca	540
tnaaagctcg	tgcacaagct	cgttttcaag	ctcgcggaag	gntacccctt	catcttctac	600
cctcaattcc	cttactntnt	cattctaccc	aaa			633

<210> 2198

<211> 461

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(461)

<223> n = A,T,C or G

<400> 2198

catttattgt	tctcttctcc	aacttcttct	gttcatctca	actcaaacca	attgacttgt	60
aaccaacatg	tcatgacacg	gtcacgatgc	ttccggaacc	aacaatcgca	cttacctttc	120
ctagcataaa	cgatggaacc	atcttgattg	cggatctctac	catcctctct	cgctagctgc	180
gaaccagaag	cgccaacatg	gctgaaacat	gccgctgtgg	tggctcatcc	gtatgcaccc	240
atgggggaaga	tgctatgatg	atcctgtngg	tagganctgc	ggctgcgcaa	ttgcttccgg	300
aaaggtttct	tggtagcgac	tttaatttcc	gaagtgcaca	tggatctgcc	gganggactc	360
attggactcg	aaaccggaac	aaatgatatg	caacggtgtg	gcttttgttt	tacactacnt	420
cactatctcg	atccttcaac	actatngaaa	cggnctgcga	a		461

<210> 2199

<211> 585

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(585)

<223> n = A,T,C or G

<400> 2199

cgctacgaaa	gocatagccg	aatgcttttg	cggttttacat	ccacacccgt	taacgcgctg	60
gctaccgaqt	agcgacgtag	catgcacagc	cctcccactc	gggatgcaca	tggtagatat	120
caaaatgtcc	ggggcctctt	ccgctgcgca	gatctggtcc	cgaccagacg	ttgcttcaaa	180
acagtcacga	ctgaatgtcc	tcattcaagt	gttcagagaa	ctccatccta	aatacgacgg	240
cgtgcattct	atctccaaga	caattccgta	ttttatggaa	tgggttggcg	tcaacgagcc	300
taacgaaatg	atgatcacia	acgaccagag	cgatgtlctc	gcacgaagtc	ctgcccataa	360
tctacgcttg	ctttgacaat	cgacgtgtgt	ctgaccaaga	tctctctgta	caaganagga	420
tttcccgcctg	cctgagagtt	cgtcagcagg	atcatcaact	atgccatact	tccgggcaacc	480
agcatccata	cgancaatga	cagacatntg	tgcctgtcag	catcgccgcc	gtacgccata	540

tttgcagaac ttccgcggat gagagatcac gnngtccct caatg

585

<210> 2200

<211> 106

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(106)

<223> n = A,T,C or G

<400> 2200

nggggtcgcca tgacaanatt gancgtgtac tгнаaggngt atgcenaaat caagattacg 60  
gctntaatgg ananggacca anancgtatg attnngccta aggacc 106

<210> 2201

<211> 269

<212> DNA

<213> Fusarium venenatum

<400> 2201

gcctcagtcg acattgtgac acttctcgga gtcaacgggt accttactta tctctacagc 60  
tccattgact caactgctgc ttgggtgccag gtccctacc ttggctggct cacctttgct 120  
acctaccttt gcaactgcat tggacacttg aacaactggg acctcgcaag cggcgagatc 180  
aacaagaagg agtaagggtga tccggtagaa gaatattgta aagttcactt tttgatcacg 240  
agctttgaat gcagctgtat tgaaacttc 269

<210> 2202

<211> 101

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(101)

<223> n = A,T,C or G

<400> 2202

nentgggttg ggggggaacc tttttgacaa tgggggnccc ccaaantga tnaacttggg 60  
gggggcctaa anaaccttac cgggtggggg ggngattttt t 101

<210> 2203

<211> 455

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(455)

<223> n = A,T,C or G

<400> 2203

ntagttgggc atcctaacct aactaatgcc tacattagtc caaagagtgt gatgatcccc 60  
tcagaattca atcagaagcg cctctctttc cctctttggc tcttgccca cttcatgttc 120  
gggtctcggc tctctctcat atcctctctc tggctctacc tctgacgct catccaagtc 180  
tantgggtctt gcgtcgacac gcttcgcaag agctctggac cagagcttcc ccttgggata 240  
gctcatgate ttctgtcca ttcgacgagc actcgatgca tccgcagpac gaagcatctc 300  
tggaggcatt ggcattgacac cagcgccctg gagccaccag tcggggaact gcgagaggcc 360  
gacttctgca aggccagttg acgttgtggg cattgtgtgc tcgtagtga agtccagacc 420

ccatttgcag actccatggt ggcaccagtg tcgac

455

<210> 2204

<211> 105

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(105)

<223> n = A,T,C or G

<400> 2204

ntggtgtggt	cacacgagan	cntggaggaa	ttggtncgga	tttgagncta	atacatggga	60
aaqttgaggg	ttacgaattc	caagntgctg	nagaatgggn	taaaa		105

<210> 2205

<211> 862

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(862)

<223> n = A,T,C or G

<400> 2205

catcaacaac	aactcactac	ctaataatca	accaacatca	ctcgccttttc	ccccagtcac	60
tcgccttttgc	taagaggtgg	atTTTTttgt	cgatttttta	tggtgatttg	catgatcgac	120
cttttaccga	ttgattcgtc	tcgtttcggt	gctggatagc	tgaaaccgga	tttaccgacc	180
gacacaactg	tttgcttggt	ccgtcagcaa	aggggtcgat	ttccaacaac	aacaaccacc	240
actgcactgt	cactcttttc	caccatcggt	aaccatcaat	cgaattaaac	gtttcttttc	300
atcatggtgt	cgcgatgggt	tacattggcg	cttctcctca	caccttcatt	ggctcttcag	360
aacgatttta	gcttctaccc	gaaaggtgca	caaaaaatgcc	ttgagaagaa	cgctgacgac	420
gcctcatgca	ccggcgccga	ctcaaaggag	ctcaattact	gcctgtgtgg	tttgggcaat	480
tacaataatg	acttcactcc	tggtctcancg	cgctgcattg	gacaagagtc	gcctaaccgac	540
attgacgaga	cgtaacgat	gatgggtggag	gcttgtaaca	actnccagac	accaatgaag	600
acctngaaaa	cggactttca	gcaggctgcc	catgatggag	agacgactac	gagcgccaca	660
ggaacgactg	cgactgcttc	agcgactgct	tcagcgactg	cttnagcgac	tgataccgct	720
tctaccgcgt	ccgacacggc	tgctgcttcg	acaaccgatg	cttnaaatgc	agatgcggac	780
acgggactgt	cgacaggtgc	gacgatcggt	gtgggcgttg	gtgcacanca	agaggtgcgg	840
gaatcgcggg	ttagtcattt	gg				862

<210> 2206

<211> 746

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(746)

<223> n = A,T,C or G

<400> 2206

tttttttttt	tttttggat	acttattatc	caattgccag	gcacctatnt	attctgagca	60
attaaggaact	atttatattc	aatccatcta	ctggatgtga	tccttgagga	atcccttgac	120
ctgttctctca	gtgacaccc	taatacccag	caaacatlla	tcaaacttct	caaaacttggg	180
aatgctcttc	gcatacaaga	tagctcggaa	caaataaggt	cccagggtag	gccagtcata	240
aatgcccttg	gccacattgg	catnaacttc	gragngatat	tatcaatctg	gcattgcttaa	300
ccttccactc	ctttccaggg	ctgacttctc	tttgcaagct	caagaacctt	gttttggggtg	360

aaggactata	tccctggacgt	anacaaatgcg	gncctgtgtnt	tttcggggng	gccaaagacgc	420
cgatacagaa	tngccgacct	agcgaaaagt	agtaggctga	ctntgcatna	ccttgatccc	480
aaaagngact	caggtgggaa	aagtcaaaaa	aaagtgnct	tgatcccca	cgaggaaaaa	540
ccgtgnaaca	aaggatacta	atntgccttg	attggaagct	natgagttat	ccttgatnga	600
ccttgccna	aacggaagtt	tcttacctgg	gacaacangt	nggatccctt	tngagggang	660
aaaccttgaa	ctgcannaac	ggggggtnaa	naaaaggttt	ggtggggatg	gaaantgcc	720
ctgtnaaaac	anacntttgg	ccttgg				746

<210> 2207

<211> 638

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(638)

<223> n = A,T,C or G

<400> 2207

ccatgtcttt	cttttttgac	atgggaacca	acatttggtta	ttctttcttg	tctttctttc	60
tctctttgtg	tgccttgat	tgattccctc	cctgttcttt	ttttctgtcc	ccgggtcgt	120
gctttcatct	tctgcccact	tccattttct	ccttgccaag	catatccctg	ccttattctg	180
cctgtctgcg	ctgtctgect	acctctacct	tgctgcttgc	agcattttag	tttaggttgt	240
cattgtccca	tcagctgggc	tgggctccat	tttcataata	aggtatcgga	tcccaacctg	300
cgcccaaagt	tcttcttttt	cctctgggtg	atctgcttgt	tatcgtcgtg	tttcacttat	360
ttgctttttt	ttctttctct	tgcggtttaa	cogaatgcta	catcgtgctc	gtccatggca	420
ctgtacctgt	accgtacagc	tgcgcggttg	catcagttat	ctatctttcc	gatcatcgac	480
atcgatatcg	anaatcgaac	anctgaactg	aacgctgaat	gtctcatcgt	caentttccc	540
mcgaattgcc	ctggatgtaa	aacgctactg	ccgtgattct	tgcaacatct	ttctccattc	600
atcacatcgc	agttttcaat	ttctacaaca	agggggcc			638

<210> 2208

<211> 408

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(408)

<223> n = A,T,C or G

<400> 2208

gcgcgacaag	actggcaaat	agacacatga	ccaatacaag	ccagcgggaac	aatgccattg	60
gtttcttccaa	ctcagagcca	ttgccttccac	ctgggatctt	gcgcggaact	gccagtttgc	120
tcttcccgtc	attagtcacc	aatgaagaca	aatcgagacc	aacaacacca	accctgcctc	180
gataccctc	aatgaaactc	gtttcgaacc	aagtgcctgt	gcctnccgaa	caaaacgac	240
gcacctcagc	gcaggcatta	tacaatgttg	cgcatgaacc	atattcaggc	gcattcaag	300
agcgagattt	aacaaaaccc	cccacactnc	cacttaagag	cagattcctg	gaatggnnca	360
tttgatactt	togtgaacca	cagatgaacc	aanccgangc	angcccgc		408

<210> 2209

<211> 627

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(627)

<223> n = A,T,C or G



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<400> 2209
ccggatgaag gctgggcgag gtaatgactg agctgttgcg cgagatcatg gcgcggggtcg      60
ggctttcttt catccgtttt tcatggcccc ctttcttctt tctcaccttt ctgtggatctc      120
ttttctcgcg cttgcttcta ctgtttctgt tgtttccgtt actttttttt tcagtatctc      180
caagcattac tacagtatgg goctgtgata cccccctttc gtgttctggg agaaaagggc      240
aaatttctct tcttgcttcc aatcggtatg acacatttct ttcttccctt cctgttatgt      300
cgataaagcc aaagagcgct acatgtttct cagtctctct atctctctat acgagcgcaa      360
tctccaggat acctaccacc agtatattgac ctcgactttg ttgcatttgg tcaggtgtca      420
atctggcatt tcaaatttcc ttatctgacg aagtcattgag cgtttctgct antcttgtat      480
gccacgaagc atctgatatt tcagtggctg gcgaaagggg tggcagttcc atctcaagga      540
ttttccanct gtgtatttaa cggtgacatt tccttccctaa cggaacaat tttttttcca      600
attttcactt ttttctttac tganaaa                                           627

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<210> 2210

<211> 225

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(225)

<223> n = A,T,C or G

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<400> 2210
nactgatgtg ggtgctccaa ataatgacgg acgctgccac gaggagaatg ctcttaagga      60
taccactgag agtcattgaca agtcctgaag tcttaccaat aaggaagaca ctgatgacnt      120
ttaggatgaa tgcaaaacat gcgttagcaa aagagcatgc cataccctgc aggggctgca      180
tcttcccttt aaaatcgagg acntttcant gaagcanacg acaac                      225

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<210> 2211

<211> 234

<212> DNA

<213> *Fusarium venenatum*

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<400> 2211
cagaccttcc ctctctcttt tgccaatcca ccttcaaccc tttcgatctg acgggaacgg      60
attcgagtga aggtatctat tgtacatccc tcttacaagg actacagctc cagattcagt      120
tacaatcacc ccttcgtcct caaacttgtc tagcagtgga tccactgtgt atctgcatct      180
gcatctcatt catctggatc tgaccttggt caactgtgat cgactacaac aagc          234

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<210> 2212

<211> 47

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(47)

<223> n = A,T,C or G

<400> 2212

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tancaggggt ntctaccctc tenanaacgt ccacatnaga aagttat                      47

```

<210> 2213

<211> 630

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(630)

<223> n = A,T,C or G

<400> 2213

aaacatctca	ggacacgtcg	ctatcacctt	cccggtggtcg	caactctccc	tgccccccgc	60
tggtcttgga	gctttgccat	gtactccgcc	cagcaaaccg	gcgctgataa	tgcgacaatc	120
aaccccgccg	ccctcagctc	acctattata	ggtctttcac	atcaaccaca	acgctcactc	180
aagcgcagcc	attctcctgt	actttacgac	gtgctacagc	cgggtgatga	tggtatgtcg	240
gcggacaagt	agtttgatgt	cgctgtgctt	tctgcgacat	ccggctactt	cgtgccagac	300
agcgcaatca	tttgcatttt	tttcctttct	agaccggnac	cattattttt	aatttttttt	360
ttttttaatt	tttttgccct	gattttcgta	cagcgtctgc	taaaaagaaa	aagttagtat	420
aaggggaaag	gctaaccatt	atcattatca	caggtgatac	aaagccactc	cggaaacgag	480
ccaaaccaat	gaacaaacga	tcttcgggag	catttccgag	gttctgggca	gctgaacctn	540
gaccttctta	ngcattcttc	gccagattct	aatctaagnt	cgnattgcac	aagccagcct	600
gctntcacag	tgagaccaaa	ncnccagac				630

<210> 2214

<211> 604

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(604)

<223> n = A,T,C or G

<400> 2214

atttcgttta	ttctttgtcc	atacttcacc	gtactgcact	tggttccatg	actttgacgg	60
atacgtgcag	caatcttaac	ccattataaa	ccaagcccgc	cctctttagg	tcctgtcaga	120
tccccgacgt	cgcgcgtaca	cgcgcctcagg	ctctttgccc	ccctcccgtg	tgagcctggg	180
ttggcagaga	gcttgcttgg	atttgggtatc	aaatctagag	tgtcctgaaa	ctcacttctt	240
togatttcaa	ataattttcc	atccttcgcg	acactcttct	tgcaccagcc	tcacatccca	300
tcactcgoga	tggtctccgc	cggcactgga	ggctctttgc	acccaacttt	ctcttgaccc	360
gcaacaagca	gaaccttctc	ttcgntgcct	taacttcaat	agcaagaant	tgntgggtct	420
ccggcaacac	gctgctttgc	caanacactn	ttcggacttt	tgccgccagc	aaagccggca	480
ggcctaagtt	tcagganagn	ccttcttgaa	atatgattca	cttggcnatt	tgnttcnatt	540
tnnttgnaca	ggacaaccgc	ctgatgggna	cttctggacc	acggcgnttt	caaaaagcgt	600
tttg						604

<210> 2215

<211> 959

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(959)

<223> n = A,T,C or G

<400> 2215

tggttagtag	gatgttgctg	atctgaattcc	tcacnracag	tacctgcttg	cactaccacg	60
gaggtactcc	ctnctcacat	caacgaaggt	tcctttactc	agttgtctta	ccctgttlla	120
tttagatcac	acaactcttc	atcaacctct	ctacagtttc	tcataacctc	acaaattctc	180
ttctataaac	ctctcagaga	agtacataac	agtcacattc	caatcagcca	attttctgcg	240
cagtgacaat	cactgtgttt	ttgtttttgt	tctcaaaagt	ggccttcgcg	accattctta	300
cttgcctggt	ctcatcnccc	ttcaaaagct	gcaaaagtaa	ctctccgctc	ccaaacacaat	360
ggccggccatc	aagtctctca	tgaccggcga	ctcggtcggn	taaccagctc	tcaagcgcca	420
gaactgggct	tctaaggagg	ctgggtgttat	cgttgtcttc	tgcctggttg	gtgttgctgc	480
cattgggtctt	ctcagcctct	tcctttacaa	gaaggccgct	gcccgcgaag	ccaaacaaggc	540
ctccgcgcgtc	taaaccgaat	gttcggagaa	gaccgaggtt	aggggagaat	ggaggggtgac	600

ctgaggcata	gtcatgagcg	tctttggact	attggcctca	ggtagacgcg	gtgttacgtc	660
aaaagtgcct	cctgcgacac	ttcgggtgac	cgacagtgc	cccgtattcc	agtcatacat	720
cggctacgtc	cctcatcaat	tcctcgcttg	ccggttgcca	gtcgaacccc	aacgatcagc	780
aagtcttggc	ttgcatttca	tcgtacatat	caacatacca	ccggatctcg	tgggacaaac	840
gtgctggaag	gacgggttct	cgtcgagtgt	tcgcggttag	gtggctgngt	tctatatctt	900
aatgctactg	atacctacct	gtttgaagca	aacaataatg	attctttaca	tgactnttn	959

<210> 2216  
 <211> 564  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(564)  
 <223> n = A,T,C or G

<400> 2216						
ccgcgagctg	acggcgggcta	tatcaactct	tctagttatc	ttggatttgg	cccttaacag	60
tcagtcctac	aatacttccc	taaaccgaag	aattatacct	acctctttat	catcccggat	120
tgtacaatac	aatgactata	gggcaatttc	acaatgatca	gaagtttgca	ctcttgactc	180
anatattggc	aggaatgctg	cgcgcggatt	ttgacacata	cggccacctt	tacnaaaaat	240
actatctgta	tcttgacgat	cagttctcat	cggctccaaca	gaaaccaact	ttatacactg	300
cacgtactgt	tggagatctc	ggcgatttga	ttcatcgat	tcaagggcca	aataatatgg	360
caaaggccga	tattacagcc	catcaatccc	aggcatnata	taacaccatc	gacatagccg	420
ntcgcatgtg	gttgacgatt	catgtttcaac	actcaaacc	cattcgccctg	aatgctttca	480
ctggcctgaa	aacgaaattc	tatcagacgc	cctcgatgaa	tgggtnaatc	aaaatatttt	540
atcgaagcga	catctagttg	acgg				564

<310> 2217  
 <211> 548  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(548)  
 <223> n = A,T,C or G

<400> 2217						
ncgggaccto	tgcgggtgct	atccaagaaa	gaaaaccgcg	tctaattgcc	cggctgcggn	60
ccgtggctcat	gacgttctgc	tcttgagctc	gtgggggcta	cgacgtttgg	gggtctcgac	120
tattngcgct	gctgcgaaag	aaggaaagcc	atcaaagaac	caaaaacaag	cccgaatcaa	180
gaaggncctt	tacaagcctg	tcgaaggctt	ggataanggc	aagattcact	ggatcaccgg	240
cgattttctc	aagcaaagaa	tngtccaaaa	agtggctcgt	gatgacggca	agttttgatc	300
tcattctacca	tatacgttcc	tntgcgcgct	tgnccccaac	ccaagaacaa	aatgggncaa	360
gcgcgatgana	aaactgnntt	ccatgatggc	cgnttatatt	gcttgagttt	ccttttgncc	420
aaaccatggt	cgccaacgng	ccccttgggg	ngtttttcgg	agcttttncaa	aaccttttgn	480
agctccggcg	naaaaattgg	ttcaacgacc	acnggcccg	cccagggatc	cttggttaaac	540
ttgacccgc						548

<310> 2218  
 <211> 627  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(627)  
 <223> n = A,T,C or G

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<400> 2218
ccttggtttta cactgacttcg cttgacactt gtttcaagaa catcaaccac accgnggttt      60
tatatcatttt tctgttgatc taagacgttg agatgattac aaataactaat attcccaaca      120
attgaaagta cactgaaatct atctagttta ttcatactgg ctcttacacc agtttatccc      180
atccgtcctc ccaataacca acagtacaag acagaacacc caaccaacgc caaattataa      240
aacccataac aattctgtca aacgtcgagc ttctccctct ntggcgacgc actcccgtta      300
ctaccctnag tacttgata tgtaggactt gccatatctn tgtgttcata cgaactatac      360
atcaaagact tttgccgcaa ctacatntnt tcaacagctc ttcacaccgc tcaagtcttg      420
ccaggagttc ttttgtaggt ttgcgacaac tgcgcttggg agccggtgta cttggaatac      480
attgtattcc cgctgttaa agggtagtta ctaagtcaag tggtagtcta gtagtatgta      540
tgtccttttg caaaaangaac acnggccttt gcgacgcact tttnttgng ttggtgaaaa      600
aaacacaaac taaaacttgg gggggggn
627

```

<210> 2219

<211> 597

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(597)

<223> n = A,T,C or G

```

<400> 2219
gtttttaatc tatgacaagc gttttgcttc ttacctatca aagctccccg tctatgtgtc      60
cccagtcaaa tacacctatt cattgcatgg ctttgatcca aaatgcaggc caatggcctc      120
ggtttccagc gtcaccccag gttacttcca gttcctttac tgcaagatct tccactaggg      180
acgtcttttc ttcctgatct ctcatgattt cgttgacgag cgtccaactt gcgtcaaaca      240
acattcggtg cgttgcaagt gttttgcgca cctggatagc caacgcttca ccagtttcga      300
tggggcttct agccttgcac tcccactcgt tcagcacaag ctacactgt gagccatgaa      360
aagcacgctg agcccccta cgcctgtgaa tatcgtcaag taggttggcc agttgagcct      420
ctaagggtgac aatgagacga cctacatata cgagattgtc gacagcctcg gcgaagtatg      480
gtgaaattgt ctccatgntg cgggtatacc tttggggaag anacgtcaa taacgtctac      540
accttaatcc agctctcagg tacttctgaa ggaagaagaa gaaaggctcc aaatgga      597

```

<210> 2220

<211> 239

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(239)

<223> n = A,T,C or G

```

<400> 2220
naacacgacc tnaagcgcac cctgencacc tgcctnctgg cttnaacnaa atcctnnggc      60
tgcatttggc cctgatgcaa agcntgatcc cagcgtccaa gctgntaacc tggctggngc      120
attengcgtt tttgcaatac tggaaaccca caaanactat accttcgaga ggggtgcataa      180
aggttgaggg tntcgnodag taaaangaac agacggctgt tatggcgagc ctagttdca      239

```

<210> 2221

<211> 612

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(612)

<223> n = A,T,C or G

<400> 2221

gcgtgcataa	aacaagcaca	atcaattgaa	tcaactcagt	ttgcatataa	gattaaacaa	60
tattcatcat	gtcatttttg	atcgagacag	aagattggca	tacagccggc	gaaccttttc	120
gcctcgccca	aacctttccc	aaagaccacc	tcccgatcgg	tgcaacagtc	aaagaccgtc	180
gcctcaatgt	gatcaacact	cccaaccatc	ctcttgatcg	gctccgcca	tctctatgcc	240
atgaaccgcg	tgggcacgct	gatatgtacg	gcggctttat	tacagaacca	gacgacgccg	300
gcgctgactt	tggagtcctg	ttttggcaca	aagatggcct	ttccactgcg	tgccgggcacg	360
gcactatagc	tctaggttac	tggggccatta	ctaagaaatt	gggccaagt	ccagaaaatg	420
ggactgtcga	tgttgtgatc	gatgtgcctt	caggacgagt	agtagccaag	atcactcttg	480
aacagggaag	accgattcat	ggggatttca	tcaatgttaa	gagctatcag	atcgccaaag	540
acttgtcggg	caaccttnc	tcaanggatg	tcatntaaa	ngtcaacttg	gcttttgggg	600
gaccgntta	cc					612

<210> 2222

<211> 615

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(615)

<223> n = A,T,C or G

<400> 2222

ctactaaaac	aatcctatta	atgcgagttt	cggtgcagat	aactttatta	tatcttgccg	60
atatattaaa	gcgacattga	tagagtccca	cgctaacac	actctacact	caagccgcat	120
cccttctact	caacctaaat	taaccccggc	ttcatcgagc	ttacagccgg	ttccaacgac	180
gaagctatca	ccatgtctga	aaccgctttc	gccanacat	ttctctcatc	gctcgagtcg	240
cgacctatcc	gactatcagc	cgatcatgtc	gaagacccta	aatccttccc	agctcggcca	300
ccctatatca	tcctctgcac	gccaaagggc	atgagcaagc	ctaacaacct	cgccctcggt	360
tcggaacgaa	gcacactgt	ctcactcaag	tctcttcgca	acccttccct	gagcatcaag	420
cttacctctt	aacccctcga	tacctcgatc	ctggacatca	agaacaacat	ttagaaggag	480
acgaggatac	ccgtcgccaa	gacgaagcct	ctgcacaaca	agaagccttt	tnccgacagt	540
aagatcccta	aggagatttt	gggtgagacg	gatatgtctg	tcgagttacg	gtcatgggtca	600
ttggcggggc	tgttg					615

<210> 2223

<211> 626

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(626)

<223> n = A,T,C or G

<400> 2223

aaaggtctca	ctgcatgcc	gcctttttgac	catcaatgat	ccatcgatcc	tttaactaacg	60
agaagcgggc	atctgtgact	attgtgcctg	gacaaatata	actttttgact	ccatcaactta	120
aattcttaac	tgtctctcat	cctcaccgatt	atccaagacc	tgcttacata	ctctaacttc	180
acttcaatga	gaaaaccatac	acttctctcg	catgagttag	acaacaaaaga	tcaaganggg	240
caaaagcgtca	gcacaaacgca	acagcgaagg	agccgttgaa	caaaatcgte	tcgcccagccg	300
gaactaccga	gagaagcgga	aacagaaact	agcgctgttg	aatgagcttc	tcgagccaag	360
tagcatagct	agtgatgtta	tggataatgc	tcaaatcaat	ccctctcagg	gactgaacgg	420
ccagtgacc	tggatgatac	cagctgcaag	acaaagcatt	gcacaaagctc	ttcaacctga	480
atcgccatnt	atcaaccaaaa	gcctgggaag	ttttgacgat	actataccat	ataatgnacc	540
acgtntgngg	ggagattttat	ctcaagaaaag	tgggttccgc	tntttttacca	aggnaacctt	600
aacatnctac	catggccaac	ttgggn				626

<210> 2224  
 <211> 535  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(535)  
 <223> n = A,T,C or G

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<400> 2224
nttttttagag atatagaaat tegtgtgggca ttaagtcacc cgtccctcca agactngntc      60
aatcgctgnc gtgtctagta ccattccctt gtatgtgacg tctatagaag cataggataa      120
atttgggtgta agtgtccatt gccacgcagc agatgtaact ctagcaccct gctatcaaga      180
tttgatatga gggattggcg atgtttttct gctccgctct tgtcgtggac ttgatgggaa      240
atcattctga ttugaagtcg atggcatggt gcaaatccca tatccatctc ccqctgttgg      300
gtccacccaa agcgattctt gatgtcctct tggagtaaca gcattctggat ctogaattct      360
ttttggcatc taacgtagtc gacaccaggt tttctatcct cggcatgaaa aggtaagaaa      420
tccatattga caaacttaat agatgtgatg tgtgtttgac agtatgacaa caggaccccg      480
atgccatggg tgnncttctt aactaccggg aggaacngggt taccctttac atcat          535
```

<210> 2225  
 <211> 616  
 <212> DNA  
 <213> Fusarium venenatum

```
<400> 2225
ctaactttgt tgggtcttcgg cgttttgaag agaagcgata gaaggtagtt gagagcactc      60
atcatgttct ctgcgcgact ggtaaccacag agctgtaaag cgatcccccg tggattctca      120
ttaactcgag taagtgtctc aagagctagt agctacagaa agttggccag cccgcctccc      180
gtcttcgaag ctcgagactc ttttgaagcc aaaaatggat ctctcaccat ttccagcgcc      240
gaccgctcta tctacgtggt agagaaaaag aagaaggggc gctggacaag tttagacgcc      300
atcctcctcc gcgacagttg tacttgtgca gcatgcgttg acacagcctc ggggtcaaaaag      360
acctttgcca caacatctat accatcggat attgccattg acaagattcg ctcgacggaa      420
gaaggatatc gcattctcatt caagaatgac atgtaccacg accacgagat ggtactgccc      480
tggctatcag tctataaagc aatgggttac aaaagggtag agaagatgcc tgctccaagg      540
catgaacttg tgtatcccaa agacaaggcg gacgttttgg gacaagggca ttatccagga      600
acgtgttcgc aaaatt
                                         616
```

<210> 2226  
 <211> 591  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(591)  
 <223> n = A,T,C or G

```
<400> 2226
cgaggacact tctatgacat actcacctca taacgtgtgt accatagaaa tctacggtya      60
cataccatc cgggtgctatt gcactacctc aagttcagtg ggacgggttc atgtctcagt      120
cagtcgttga gcccaaggca cactccataa cctcaagcgc gtccggttca ttcgatgcac      180
agccttccct taccagcgga gctgcaatgc agccccagtc caacaaccaa ctgcccccta      240
tcaacggjca aaactgcaat ggtctgggtc ccqctttaca gtcatgato aactcgttac      300
caaaactctgc cgcgcgcgca ccattccctt gggtttcaga gtctctataa gctgggtaca      360
aggctcagga agtggtgggt gacgangaac gcaacgcgat cttygacaac attcgcaatg      420
cagacagcga ncatgccatt cccgaaggct tccgtcttcc gggccttgga tcattaaatc      480
gatactgtca acataacttcg ggctatccac caccatctac ctttcttaca cngcctcat      540
```

ccacctacca aatctcncnc aactgttgct acatcctcat tattggtgcc t

591

<210> 2227

<211> 536

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(536)

<223> n = A,T,C or G

<400> 2227

catggattag	aggctctcgc	aatgatagga	atgaaacacc	ggcctccgct	agtcgtcgac	60
gcagaacagg	tgatgctccg	gctgggcagg	aacctgctca	acagactgag	cagactcagc	120
aaacagcaga	agttactcag	gcatacaacg	gtggtgttct	ctcctccatg	cggggcgctt	180
tacgatttgg	togaaggoga	caaccagaag	agaatcctga	agctgtaaca	ccatcacaaac	240
togaagcgga	aaacggcgca	ccagccggca	cataaacatg	tgtatcacat	tttccattct	300
tacataacga	cacgaatctt	tttagcgatg	gtttcccttc	attccttctt	ggcaaccaca	360
ctgctgggca	caaccgtctg	gaatcttgac	attataaagg	aattgatttt	tgacgacacg	420
gcatttgatt	tacaccgcat	gatatacacg	tggagcgaca	gtagggttat	nagtgggaga	480
aaagtgagga	cgtataacgc	tcgatgagct	atatataccc	cctgatgacg	atgggtg	536

<210> 2228

<211> 409

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(409)

<223> n = A,T,C or G

<400> 2228

ggtgtgggat	actcccgctg	cttttgctgc	cccgcgctca	atacgcatac	tcatcgacat	60
cgaaacctgc	atcgcttttt	tttactgcta	ccccggctac	ggtcacgctc	tttttctaga	120
tcgtcgattt	cccattccac	tgacccatta	tcggtccatc	ccatttccat	ccccagcaac	180
ccatccaatn	caacaactag	attggctttt	tgnactttac	tttatctcgc	accggctcgc	240
aggaccagca	aacaggcctg	actttgacga	tcttgaacga	ntaccgtttg	ngccccgcca	300
ccatccatna	tntatacnta	atttttggat	tctgtccccg	tttggnagtt	aggaaactcn	360
cacctttant	tttaccttaa	aaanaaaatt	ttttggtnaa	naaaccaaa		409

<210> 2229

<211> 302

<212> DNA

<213> *Fusarium venenatum*

<400> 2229

attgtcagat	gtctgtcaca	ccaagaacct	tcagttaaga	tatcatctat	aggcttgaca	60
agctcctact	tggcagactt	tgcccagcaa	gctgggtgatg	taaccgttgg	cgagctggta	120
gaagqtaqcc	atqqtctqac	qctcgaattg	ccaaaggtgc	agaacctggg	tagactcggt	180
ctgggtgtcc	tggcaacgag	agacattgat	gagaagctag	gagcggaagc	tytccaggtt	240
cttgttttct	tggctcctcg	tctccccgag	ggtgacggag	aagatgagga	agaagaggag	300
ga						302

<210> 2230

<211> 561

<212> DNA

<213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(581)  
 <223> n = A,T,C or G

<400> 2230  
 cgctctcaac cccgcggccc gggcagcttc aatccgttat caagctcgtc tgcccagcct 60  
 tcgcagcttt caacaaaatc ctcgagacct gctctacgcc gagtcgaaac ctcagacgac 120  
 gaagacgaga ccccccgacc atccataaca atacccaagt cgcgacaacc ttcacaactg 180  
 cagccctcgt caccgcgcac accgatatac tcacagttca cgacacacgg aaactcaagt 240  
 actgcaagca taggtcatca cancttttcg agaccagcga acgcaagggtc cgttactcaa 300  
 gggctcgccg cgacactggg caagggccat gcgcgcaaac attcagctac acaaggcttc 360  
 tttgaacctc cctaccgnc atgagcactt cgaatctatt tcacatctcg gaatgtctca 420  
 acaaaaatcc atctaccact ttcattgtcg cgggggcggc tgctgctgtg gctgcctctg 480  
 cctttaatgt tacttggccg cnancaaag gngggcangc ggggtgtatgt tcattaaaac 540  
 attacgcccag cgtttggana agtctttctc tnggatctaa c 581

<210> 2231  
 <211> 578  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(578)  
 <223> n = A,T,C or G

<400> 2231  
 tttcgtttca ttgatcccat tccatttcat ccgctgtata tgatttcata aattcgtaca 60  
 accaaaagttg tcccatcatg aactaaaaaa gcccatcact tgcaccaata acaacatgtc 120  
 tgtagtttga agaggtatcc attatccagc acacggttat ccttctcaaa aatgaccttg 180  
 aacaagtacg ccaacaaaca aagcagactt aacggagata gcctcgggga gggcggctat 240  
 cgtaaaacgt ctgcgcctcc gtcacctcat ccagcgaag atggctgtgt cggctacggg 300  
 cgcgctcata atcaaaactgg tattctctct catattcaag ctctcgtgcg cgctgctttc 360  
 gaaaccgtcg gatctcgtct gaaatgtcaa ccaggcggaa aacatcatca tatttganat 420  
 aatccatgat atattaaaat ccctgggtccc tcatattcgt atccagaact ctcaatancc 480  
 tccccgaaaa caagtcctta atgatctcng ccacatatcc ctgggtgggtg gaagaacagg 540  
 tcaaaaaaen atcaaatctc tcatgttnaa ttccacct 578

<210> 2232  
 <211> 824  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(824)  
 <223> n = A,T,C or G

<400> 2232  
 caaatgtctc ttctcggatg caccgcgggt ctccagctta tgggaagagct ctacagagcaa 60  
 aaggtgcgcg ccgagacttt caactcttct cttgaacgtc tgtctgggtg tcttctgtctc 120  
 tggatgggtg gccgctcctg gcgagaagtg ccggcgttcc tcggaggtgc ngagagaagg 180  
 ttgtaaaccc gtgcctgacc atcaccaaga gcatggtggg aatggattca gacactggat 240  
 atggaagcct tgacyaatgc gaagacgacg gatgttagac gacaagcagc gatctctttr 300  
 ttgtattatt attattatct catttgtgag cgacacacac ctggcggcat ctttcatcaa 360  
 ctcgatttgc atcatctcaa gaggttgaat ctaccgtctc tgacttcttg tgagatgact 420  
 ttctgtatga acatgggtac ttgtttttct tagaaggggc tgaaatcccg ggttgctact 480  
 atcatggagt tatacttggg atcgggtaaa aggaaggtca aacaaaatac aggcaaaaga 540  
 cagatagttc aagggcacct ttgttaaang acacagcgac ccaagttngg gcatagtgat 600



ttggcatcaa	agaaatttct	tatcatattc	aatcctttac	cctaaaatcc	ccggaaataa	660
aaccataaaa	cccgtcaaaa	atggcnaggc	ttngnagcgt	tentccncgg	gggacttcca	720
aggtttccgg	accggcgggt	ttcaacaagg	agtttgagtt	nttccnctac	cattaacctg	780
gganaatacc	gggaacgncc	ccaacgceaa	gcgagggttt	ccct		824

<210> 2233  
 <211> 592  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(592)  
 <223> n = A,T,C or G

<400> 2233	
gccaaagtaat	ctcctttctca gagaatgggt tggcgaaaaag ttccgcaatc cagacagtga 60
caccgatagc	gataccagtt tggacagcct cgagccagcc gctgcgctcg ttcttggggt 120
gcttaccacc	cttctgctgt tgttgcctcg acttggtggc cccatccttg ccatcctgtg 180
acgtggcttc	ctgggtccatg cggaaagatg agaattgacc attctggccc tggttctcct 240
ctagatcgat	gattcggttc gtgacctggt acacgcagcg catcaatcgt cctttgtcta 300
gaattgagag	gttgcgcttc tgtcgtaact tttggaggag atcgcgggtc tcggatgggtg 360
cgccaacaat	ctggagcttc tcaaggatat ctttcgccac tggcttttga gcctctggaa 420
cctagatgtg	aattcttcga gatgggcgaa ttctctcttg ctttaannaat ccaacctcc 480
ngcagaagtg	gggcttcgg tgcctcanat ttgcctctc gantccatca tctcttctt 540
ttgaattagg	ggcttaactgc catgttcgtt actctgtctg ggtttgaccg gg 592

<210> 2234  
 <211> 601  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(601)  
 <223> n = A,T,C or G

<400> 2234	
cttctccaca	acttaatcca tcattacata aattcactag caaacaagct ccactcatct 60
acaagcatca	cgcagtcoca taagaattcc atcaagaatc atcacagttc atcatgtcag 120
aacctctcag	cgtcgccgcc atcctcggtg gcatggcaga agcgcttccc acacattctc 180
ccaacgacga	atcatctgat ctgcgaccc cttatgaagt tatcgctctg ctcatcact 240
cctatctctc	cgtctcttggc ttcaagatcc agggctttga cgaggacgaa aagctagctg 300
aatgcgactc	actcgccccc cgctgccc cacaatggaa ctcgggcttc aaatcctaca 360
gctttgtgta	ttcgccacaag cagtcagcca tgacctttag cattcgctgt gatcgcatgg 420
gcaagaaggt	tgaggttcgc ggactggctg tggganacga taacattcgt cgtttcgaac 480
gatcaatcag	tgaagttgng gactctaaga agctcctatt cgcacacca tcaaggacaa 540
ccaaaaagac	cgaagtgacc ttggtgaaaa gctccgcgct gngttcacat ctganaaaagc 600
t	

<210> 2235  
 <211> 558  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(558)  
 <223> n = A,T,C or G

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<400> 2235
gcttttgtcg cctgacgact ggtcgtctcg catcatttgc attagggcta cattgaccat 60
cgacttgga ctcgactgga gccttttggat cgaccgccaa cctacggtag tcaacgtctt 120
agcgttacgg ctgacttgac gttcgcccgt tcgaccacct ctgtttggac aagaaagacc 180
tacctcgagt gttcaagact gcacactgcg aatcgagtat cgcattgatt tctttggcgc 240
agattgtctt tgtctaacgc aacattttct atcacttcga accccacgat cttgaccttt 300
ccgcgggtcc tctgttctgc gaccgcaactg atttatccgt cagtcttact gaagccccgc 360
gagaactttg ctgcacgccc atcttccggc gggttgccgc cgtgtgccc canatccaca 420
actgtcgtt gactctgtct tgaaagnatg tcnegcagcg agttatgtca caactctctc 480
agtgactctc ctacgcagcc gcanctcttc ccgaacctaa tcaccccgct gcaccttaat 540
cacatctccg tcatecgc

```

<210> 2236

<211> 536

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(536)

<223> n = A,T,C or G

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<400> 2236
cggcacttga atcgagctc tcacgtctcc agcagagcga ggaccagcag gcagtcagcc 60
cggatattga ggccctgact gtccgaggagc ttccgttgaa gtacacaaag ctgcagcagg 120
gatttcgatt cgatcaacat gggagttgcc cgccattgaa aaggcgttca agaagatgaa 180
ggaacttgct catangaagc aatggacttc agcgcacag aaganccat ctcgatcttg 240
attgcccaga agacaaggcc gatcaaaaat acttcgctgc ccgaaaggat gccgatacnc 300
gaaacaacga gatcagatca ttgcgccccca gaacagcnag actcggaaat cattgcccac 360
tcaaggatct cgaatcaca aatcccactt ctgggcatct anaaaaacag ttgccgatct 420
gaagccatca aacgctctct gatgaccgag aaccagaaat ggagcnacaa tcttgatctg 480
tcgcgctncc aattcctgaa caaccantta cgaatctcaa atttggtaaa ntccaa 536

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<210> 2237

<211> 763

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(763)

<223> n = A,T,C or G

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<400> 2237
cctcaactca agtcttgaac aaaacaacaa gaaaagatcg tcaacgctca tcacggaccc 60
ctagctttct atccccccat acacacattc ccggtcgcca cagcttctat tatacggcac 120
ttgcaaaaaa cctgtatcac gtccgatcaca accgatacca ggaaaaaac atgactcggc 180
ctactttcac aacaatcaca cccttgccct caaacttaac tcgccagcaa gtggctgact 240
ttctacacga tcatttagca atgattgact tgaatcctct catcatagaa cgcacacaaa 300
tctctctctc ctccacagcc ccggatgatg agaagagatg tgtatggtat tccatgacgg 360
atcgcatlga ctactctctt ggtgggtatc cctccggtaa ggtcacatcc acggctgctt 420
tctttgactc ttgggatggc ctccagacac acagttacgc tcccatgggg ctatgatctc 480
gtggccgctg gtctgtgggc ggaactatgc ccggagagcg tccgcaacct gttgagcttg 540
gtccgggggc aagggcttcg ggtctttatc tccgcgaaga tgtttgacat gcgctgtaac 600
atgctcatgg tacccttgt taaagaagac tattaaaaag ctctggtcga ctctggtcga 660
aaaagttgtc gcaanaaact ttctnaagt ctgcaaaaac actntatgca aaactttggg 720
acaaactccc ccgggagctt tttnaaacac cccgcttccc agc

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<210> 2238

<211> 314

<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(314)  
<223> n = A,T,C or G

<400> 2238  
cgatgagggg ttccggaagg aggacccccc acgatacaaa ctgattggtg ttgacgagaa 60  
cgagaaggcc aaggagcaac ctctctcctc aattgagggt cctacttaca aggccttcta 120  
ttcccagctc gccaaaggcca ttgagactgg aaaggaagag gatgtacctg tcaaggctag 180  
cgaggcccca gatgttttgc agatcattga gggtgttttc gaaagtgcta agactggcaa 240  
ggacgttctt tttgctttga agccttttag gcacttaaga tataatgaat ttaatgaaca 300  
ataaaaagaa aan 314

<210> 2239  
<211> 690  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(690)  
<223> n = A,T,C or G

<400> 2239  
gtcgatatga caaaacttga tgtttcctgc catcagcttg tctgtggtcg tcatcgtaag 60  
aacatcaagc tcatcgaatc ttctactgga actgccatct acttcccacc tccgttctct 120  
gctatgtacc gttactgtcc tccaaatgcg acccgctcgc atcccagcga tattttcata 180  
acgggtgaaa cccctcaggc catcgaactc gccaaagcaaa aacttcacga gactgttcaa 240  
cgcatcaggc tttacgttaa ggacgtaact atccctgctg ctaagattga cagtattctc 300  
cttggtcgcc tggataaggt tcgcaaaatc ctggaagcta atggtacttt tatcctgttt 360  
ccttccttgg ccacccagcg caacatgggt cgtgtccaag gtacgcaggg ccttcagtgc 420  
gagcgaaccg tgcggganat catgtcgctg gctgggcaat tctacagtgg gggctggtag 480  
atacagcatg caaatgctag gcagtttctt ggtcctcgtg acatgcccag catgctcggt 540  
gatatatgtg ctaactctga cgcgcacatt ttgttcgata nggcttaact tttgccatca 600  
ctggggttga agacncaana aaatcccctc tccaagtttt ttcaaaaaag aaatttgtat 660  
cgcagnccaa caccaaattt gtgtnaagat 690

<210> 2240  
<211> 964  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(964)  
<223> n = A,T,C or G

<400> 2240  
ngtccggatn accattaccg agttacatct acttatagta cctacctatc tottgglyct 60  
gttaagactac ggccccccct tgccaagtca agcccttgga aaagaacctt tcgtaccttt 120  
cctttccttc cctctcctct cctcagctct cctctctca cgtctccct cctcacgtct 180  
ccctcatct cctctcctct cctcacaatg atgogtggtc ctcgacaagc attttccact 240  
ggcgccgta ttacccccaa tattgttctt catcttcgtc cccagaagag aatgtctttt 300  
ggaagattgg ccaagcccggt cgcggctatt gtagctgttg gtagcggggc aaagctctct 360  
cttgacatgg tggcgaaaac acgcattgct cagatggaag ccacagagcg cgagaatgcc 420  
gcctaccgag agcgaaatga agccttgatg aacatgtatg gcgacgac aagcctcgac 480  
gagctcgaaa aggtgttgca attttacgaa aaacgataaa tgagatccac gtcaaaacga 540

aaagaaagaa	agaaacacaa	accaagccga	gccgagccga	gtaacccttg	tcctacactt	600
ccttcgtttt	tatacatctg	aagcgacggc	gatcactcac	tcccatggga	atggaatata	660
tcgggggttta	ttggcacgga	taccaccacg	atctgaaccc	tcgaaattgc	atggaacagc	720
gttaaaaagga	ataccatttg	tttgccatgt	tgcttgaaag	aaacccgatt	atccgacttg	780
ttgattttaac	cccaacattt	actctgcctg	ggcgntttat	nattcaacga	aacaacatcg	840
acaatgaagt	gtctacgaag	tcgatcgatc	ccctgtgtcg	aataacacct	ggtctggtct	900
ggtctggtct	ggtcttcttg	atgaatgggt	cccgggtgtg	tgaatttaat	agattattac	960
actg						964

<210> 2241

<211> 531

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(531)

<223> n = A,T,C or G

<400> 2241

agacgatcct	tctccattgg	tcttggttaag	aagcgagtg	gcagtgttca	aggctcaggc	60
gacaagcaga	accgtcgatt	ttctttggcc	aaggctatgg	gtctaggtag	aaacgagggga	120
agcgtgacgg	ggtctgaagc	ggattcacag	caggatctgc	ccattcagca	tccccgaact	180
gagcaactcc	gcggctacag	cgtccacgat	gagccccgac	acagcgagcc	ctatttcgat	240
gcaccctacg	aacaataccc	ccaacgtgat	acagcacaat	ccagccctgt	gtacaatata	300
cgatatggat	ctcagcaacc	agatggccga	agacctaatg	ccgtacccac	ttatatgcag	360
ggaggtagcc	atttaaatac	tggttcagat	tcatcagtg	acatgcgacg	accgnacgac	420
tcacgatctt	gccgtaccaa	gaagactttc	cggctcttgaa	gatccatggt	cgccagttng	480
aatagccgcg	aggccgtctg	nttgcttaca	aantacaaga	agtcgcggtt	c	531

<210> 2242

<211> 295

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(295)

<223> n = A,T,C or G

<400> 2242

netgggcttg	ctccnggatt	ngaaaagggg	ggaaactcca	acggcatgcc	cgcganaaatg	60
aaccgaagag	gtcatcactt	accaagctag	tttggggggc	atgggaaana	ggattcggcc	120
tgggcatcca	aggaggcctq	aacgggggat	ggttgaggag	gaggtgccaa	onaaggacgc	180
tnggcatitt	atgtttcacc	aaagcnaaat	ggacnaaaan	acttgttaaa	cgtygaatgg	240
accccgttan	ggngttcctt	tgaagcnggg	ttggcaactt	attntttggt	ttttt	295

<210> 2243

<211> 576

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(576)

<223> n = A,T,C or G

<400> 2243

gaaccaacca	agccaacatc	accaccacct	gactttccat	cttcgcctgc	acgaagcaca	60
agtcggcgct	gcaccaaaaca	agtaccgagt	gcgcatagtc	ttcccgtctt	cgatctctgg	120

cctgcaacaa	tggnetctct	tatgctcage	gtcttcggtg	tcgaagttat	cgtenaccta	180
ntcaacacat	tggagccccg	cgatcaataa	cctgctctgg	acattgatca	acttctccca	240
tctcgacntc	aaaggggtgcc	ggcgaaacag	cgcaagcttc	aggccgatta	cctcaagggtc	300
cgacnanacc	taaattggcac	gagctcccag	gatgaatttg	ccagggtgggc	aaagctgcgt	360
cgccagcacg	ataagcttct	cgatcnacta	gagaagacca	agaaaaccac	cgaggctgca	420
cgatccaact	ttganagant	cctcacccgtc	gtccgtatcg	tcgttactcg	cgcgccgcaa	480
tacttctac	ccttttggtg	cgccactgan	cctatgttct	ggctgcctca	cngntgggtt	540
ccttactggg	gggaatggat	ctgtctttcc	ctcggtg			576

<210> 2244

<211> 125

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(125)

<223> n = A,T,C or G

<400> 2244

ncaanaaaca	cgatnntctt	gttctctcncg	cgtaggggtcaa	aanggtgttt	gantatngac	60
tgagaccaac	aaacctgggtg	tgctcgatga	gtnaaaaacna	ttnacatgtt	tgctnctaac	120
ttntg						125

<210> 2245

<211> 384

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(384)

<223> n = A,T,C or G

<400> 2245

ctcgagtatt	cgacgacttt	gtcgagtatt	gtttgttacg	cgaaacgctct	tttgtctcac	60
ttgcgcgctc	tgcgctgatt	gatanctgcg	ctttgttcgt	gagcctcttt	tgacgtcgtt	120
atcgacgccg	ttgcacaaag	cgatccgcgt	ctacgcatac	agctccatca	cccgaccaan	180
gtgatacaac	agccactccg	ggaacgagcc	ataccaatga	acaaacgac	ttcggggagc	240
atttccgagg	ctcctgggca	ngctgttctt	cgaccctccc	tcagggcatt	cctccgncca	300
gactctctaa	tctcaaggct	cggcattgcc	acangccaag	cctgcctat	caccagtga	360
gacacaaatg	gcacccaaag	acca				384

<210> 2246

<211> 593

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(593)

<223> n = A,T,C or G

<400> 2246

tttccatcca	tctaatcaat	tctcccattg	attgaattct	tgctggatcc	gccatctata	60
ttagcattgtt	gtcgcgagg	gcacccggat	gcccagagcc	gtgcagagac	aagacgagcc	120
acacaccacc	gataactaac	gatattctgc	ccgcggttcc	gctccgacct	ccgatctgtg	180
tctaatgttc	tctgcaactca	actattcggt	gcccacagtc	tgaatggacc	ctgcgggtgt	240
ccgcgaaaagg	ccgtgtttcg	accgcgcctc	taaataaagc	tctaaactttg	gtcatacaaa	300
acatccacat	acggacctcg	caaaccgata	ctcgctcggt	gtcgggtctg	agcctcaatc	360

actctntttc	cggggagcgg	gaggaagcaa	tgactactgg	agcaaattgg	gtcaccaaga	420
tgtacaggca	tcaatacaat	tgtatactgg	tggtcanttc	aactctgnat	aagatgttac	480
cgcnttgagg	acacccatgc	gaacgacgtn	tactggaagn	gcgcgtctga	ggcaaatncc	540
ttcaacgtta	taacntccaa	cgaatncgca	gtttcangtt	ttactcncg	ttn	593

<210> 2247  
 <211> 1025  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(1025)  
 <223> n = A,T,C or G

<400> 2247						
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tcctatccaa	cttcccacct	actaagcagt	gcatactttct	aaacctccaa	ggctccdata	120
cattgtttctt	tgacttttata	tcataaccaca	ttaccacaac	caacctactt	cttgaaactt	180
ggctgtctca	actcaaggat	aaccttaacc	agtatcatgc	ctcaatctcc	gtttcccttg	240
cctcctgtgt	tatctcagta	tgatcaagaa	catgtcacag	tcttgataga	aactggatca	300
tactcttcaa	cagaaacaca	taacttatgc	tctacgcaca	caaccttgga	actgtcacca	360
gttctgtcct	tccgcttcag	gtcccagaaa	gtacctggaa	ctcgtctgcc	cacctgcgct	420
ctagcaggta	aagaagtatg	ggtgattcca	ggccgtgcct	gtggctattg	cggaaactccc	480
tgtgttgatt	aagaatagca	aaacagtcaa	atgactttata	taacatttct	agctgatgcg	540
ctcagcaacc	cggacgtgca	aattttgttca	acgtctgcgc	ccagtaccta	caggacttga	600
agatcccaag	tcagtcaaaa	accatggagc	ataataagag	taaccgggtt	ggcaaaactt	660
tgctcgttag	aaggacgagc	tacgccaaga	tgaaaaatggt	gatggtcgca	acagagcggt	720
ggtaagctta	caatatggag	ttgacggctt	catgcgatct	gatggcacaa	acaaacttat	780
ctctgcactc	tccgtatttg	agagtagatg	acacaaaaag	gtaatgngct	cttttaccaa	840
tggatctatc	gtcccgtag	aatccgccat	gcgtctgcga	ctcattgggt	tcaaaactac	900
caaacacgag	tcaagtcaat	ttacaaagtc	cgnngcttga	gcttatatat	gaatgggagg	960
atngggggct	ttgcccccg	ttactaaggg	cgaaggttcc	aacatgtttg	ggggatgtan	1020
ttggn						1025

<210> 2248  
 <211> 585  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(585)  
 <223> n = A,T,C or G

<400> 2248						
caatatttota	cctatggaac	tcagacattc	tgcaccaacg	agcctgcccc	ccctggcgag	50
caacccgact	gcagaggcca	ctcggacatg	attcacgctt	gttccgaggc	actcaagtac	120
aagcacgcca	aggatgtttg	taccccatca	gtgatgtcaa	cgttccctcaa	ccgcataacc	180
atcacatggc	cattcttttg	tctggttgac	ttttgggctc	agtttgccct	ccttgggtgtg	240
ttctctgttg	tcctcatcac	agcccttttc	cgcacaccca	agctccacct	ttctcaaatt	300
gatgaggaag	cgcaggcaga	tgaggaagaa	agcctttctg	cgtctactgg	tagacgcttt	360
ggtgtatcat	ggcaggacgt	cagaggaaag	gttagctcan	gaaatgactc	tacgaataac	420
ggtaacggat	ggcaatccgc	tgcttgattg	gtttcacgta	taaaatagtc	aagtttttca	480
gaatgatgga	ngtattgggt	aacgcaacaa	cattgatggt	ttggagttgg	taattggcat	540
ggttggggtat	ntctctttac	gccatgtttt	gagaaagaat	acttt		585

<210> 2249  
 <211> 591  
 <212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(591)

<223> n = A,T,C or G

<400> 2249

atcagcaaca	ccatcggtcg	tatccgcgcc	aactgaaccc	cagactaatg	gccagccgcg	60
agctgcgget	cgtcgcgct	tctccatgaa	cgttcatct	gccacaactc	gttccaactc	120
tcttccctca	cccagcgata	acggcctcga	gatgaatctt	acacaccgag	aacgtgacgg	180
tgacaagtct	gttccctagcc	agggcgattt	taaaaagaac	cgcgcctcca	ctggatttac	240
cttgcgcaac	cgagccatca	atttcgttgg	tgccaatcac	aacggtcgag	gaaatggcaa	300
taagcgccct	gaatacaacc	gccgagctag	tagctatgac	ggcagccgcc	ctaatacacc	360
tcttccacca	cccgcagaag	gcgacgagac	tatgtatcca	cctgagcgga	gtggttgggc	420
ctcttctcnc	aaagtccgga	actggtgcc	aggctcgccg	atgagtttga	atcttcttga	480
aaaatttllgc	cgtgggatgtg	gctgagcttg	caaaaacgagt	tcaaattccac	gcaggttttg	540
gggtcggtatg	gaagcatntt	gnaaggggacc	ggtcaaggga	cactatgatg	c	591

<210> 2250

<211> 441

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(441)

<223> n = A,T,C or G

<400> 2250

nngcatgacc	accccataca	agcagcacaa	gcttgagttc	ctacaccgag	ggccaaaccc	60
accacccacg	gacccaatnt	gggacgagac	cctgacgtgg	gagtacgang	acnacgagct	120
gntntttttg	cgcattgctca	ttaagagcga	tgatagttgg	gcncgaaacc	ccatgtttgc	180
tgtggcagca	ttgccactac	tttatgttca	gccaggctgg	agttttatct	gcattgctga	240
tctcaagggc	cntgagacac	aatgnnccat	cctngntaac	tttgagatta	ttgatgctna	300
gaaggcggnnt	tctnatgagt	atacnaatta	tctatggtnt	tggcctttgg	ngtttaanag	360
attntganct	tgcncgcgtc	agaaaaaanat	ggaaaccccc	tggcnagngc	acgtttgggt	420
gnaaaaantt	cctgcggccg	a				441

<210> 2251

<211> 631

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(631)

<223> n = A,T,C or G

<400> 2251

naagcaattg	ccttgcctta	aatgaggtgt	tgcttcccaa	tacacagga	aaqatttqctc	60
cttcccatcg	ctatgagcct	gtagctgaac	atgggctggt	gagaagattg	aactgggaagg	120
agctcccttc	ctcatgaact	acacgattaa	gaccccatct	cctttgtcct	tgctccctcgg	180
tctcccttcg	ggctcatccc	tgagcatctc	cggtcgaaca	aaacaatatc	cctcatcgac	240
atcacctcgc	atgatccaaa	gcccccatgg	ccccattcca	gtgggcgcct	tgctcctaba	300
tttccagatg	gggtaaagag	aagccccccac	gacatagcat	cccgaactct	gtcagccgag	360
tggccgagga	cctgttttcaa	catcccacgc	cttgatcaca	aaccgatcag	aagctcgaat	420
acgtcctgga	gataatatta	cggaccgall	cgacactggg	ccaaggaang	gotttgggtta	480
accgtgaggg	gatgctgcct	aaggtgttgg	agtccctgcg	aacgtgatga	ctgactgggt	540
gtgatgatga	tgtanttacc	aagaatttgt	gagtaccacg	gcagaagatg	atganatgct	600

tgatcaagta cgantgcttc nacanataca a

631

<210> 2252

<211> 461

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(461)

<223> n = A,T,C or G

<400> 2252

ccgncttcaa	agagcatcac	tggaggcagg	gctgcggctg	gcacgatga	ccaacccacc	60
tectcatcgc	tacgctcaag	tcttcggctt	ctgtttactt	tccgagccca	aagagtcaat	120
aattaatcgt	atgtccacca	cgttgtctag	gattagccag	gaatcgctct	ttgtgtggag	180
glatccttcc	acaaaccttg	gaggngctgg	cacattcttt	cctgatgggtg	aagggtgctgg	240
tggtctatng	gcagcaggte	ctgaagggtcc	aggttgcatt	tgggttaacca	gggttttggtt	300
cagtctatga	agccccaaaa	gatgactggt	ttttcaatgg	ggcccgtttg	gcccggatnt	360
anaaactacg	aagaaannct	attgactaac	ncatccnaat	gatgttaang	gattttgagg	420
gaatttttcg	ccnttatnag	gctganacgt	tttacnccaa	a		461

<210> 2253

<211> 603

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(603)

<223> n = A,T,C or G

<400> 2253

tttttttttt	tttttatttc	aatatatatc	ttgttttagaa	accatctatc	cttgtttccta	60
tactcttttc	gcttgcgacc	cgatcagat	gtgtccccac	caccaaatec	atcagtcccta	120
gcccagacact	cttgtaacct	acgggtgccgt	ctcgtaacca	ctgacaaaga	tgatcttcag	180
acttctctct	ttctttgtcc	aaagagctgc	tggagctctt	tctcgagtgg	aagaacgagc	240
tggacctctc	cccttcggag	tcaacagagc	ccgtagggct	tggtggcggt	tcgctagtat	300
tacttccact	accatagacg	gntgacatag	agctcctgcc	gngtacatcc	atcttatcca	360
tgtctgaagt	caaagacgtc	tggtgntgg	taaatccatc	agactcttnt	atagccagac	420
gatgaagcat	caccagttct	cctagctcga	ccatctgatg	agggccaata	ttagccgcta	480
tgatttcccc	cgcactcttg	agtactcctc	tgatattatc	aacaacgatt	actccgcctt	540
caatgggatt	gcttatggaa	atggcgatgn	gggcttggcc	gccctnttgg	ctgccaaagt	600
tat						603

<210> 2254

<211> 365

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(365)

<223> n = A,T,C or G

<400> 2254

gctcactgga	ttgggtcttc	gnttcgtcat	gaactgcggg	cttgtggggg	ctcaattcgt	60
catgtaacgc	caatgcaagg	cgntyacagg	agctccacct	gntattgaga	ttcacaaaaga	120
agagtcactg	ngagatgtna	tgtaacgact	aaaaagtaaa	tatcnatntg	gaaacggngt	180
tgaggtgata	gacaggagga	tataagatct	ttaaagcgag	ttccggtatt	agattaattg	240



aaacttnata	ttntgctacn	aaaaatggct	ntgcattnga	cccaaagca	aaagggttctt	300
taaagagaat	cgnatganga	ataataat	cntgcggccg	ntcgagcatg	cntttaangg	360
gccca						365

<210> 2255  
 <211> 148  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(148)  
 <223> n = A,T,C or G

<400> 2255	
ncttaaaaaa	ctttgncgta
atntggaaaa	agnccccac
tttnattntt	ctaagnctt
ggccttctt	ggaentgnga
ctatnggggn	ggantgttta
aaaaaanant	ctttttacag
ctgttagag	gggtatccat
ncctttt	
	60
	120
	148

<210> 2256  
 <211> 568  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(568)  
 <223> n = A,T,C or G

<400> 2256	
ggaattcaga	cccccttcac
aacttgacat	tgattttaagg
aaggcggtg	aattttacaac
aaaccaagagt	ttattctcta
ccacgcgaaa	acgaaaaaca
atcacacaac	tcctactgac
ctgatcgacc	accttataga
ctgctcacga	cagccccctgt
tctcgacaac	tcattcccct
actccgacaa	cctcataccc
gccatgtccg	aagcctacga
acgagagcgc	cagaacaatg
cgcgcctcga	cgaactctcc
gccaaagtct	ctgtctccgt
ggggtgacag	tcgacattta
cgataacgcc	cgagcccaag
atgtcattga	caacacctcc
gatactttct	cctctatgac
cacacagatg	aagggtctctg
ccggcggttg	gactcgtatg
ggccgcattt	ggtaaccggg
ttgcgatcct	caagtggcag
gaatcgnaat	tggtctctct
tagtgctggt	ctacngngca
aaactgattt	tntaaaattg
ggagcgcagc	gtctgntaat
ttgggaangc	atatgattag
agcggaatgg	gtgcctgcat
ttttcttt	
	60
	120
	180
	240
	300
	360
	420
	480
	540
	568

<210> 2257  
 <211> 223  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(223)  
 <223> n = A,T,C or G

<400> 2257	
ntgaagctgt	tcacatcang
gttcataatt	gccacggana
caccnctnc	caatacantic
aggntgtccg	anncattctg
ttacttcain	tgggccaat
ttactgnetg	taatntcatg
gaggennttg	gataacatgc
caggacgatg	gctaacactg
ntcaaagctg	acactaatcc
ccntnataac	tactgggctt
aaaacngatn	attcattgca
acg	
	60
	120
	180
	223

<210> 2258  
 <211> 568  
 <212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(568)

<223> n = A,T,C or G

<400> 2258

atgctatact	agtagaaaga	cgccgcgcct	actccagatg	ccgatgaaag	tagcccaaga	60
cnagcctgca	aagcccactc	gccgtggccg	tgccagacct	gctgtcaagt	atgangnagg	120
ccgatcccaa	cgaaattcgt	cgacgacgaa	gccncaggga	agaagggaaga	agaaagatga	180
agcccgaagg	aagaaggang	ttgaaggaaa	gcggaagaaa	gagaatgagg	agaagccncc	240
agtcggtcgg	catattgtta	ctctcaaact	ccccagtggc	tactttgctg	agttcacgcc	300
tgagatggaa	attgtcgaca	atgggtgatc	ccgtccaaact	accgcctgct	ctgangaatc	360
ttctcaaact	gccgagtcgt	cttactcctt	ccggcctaaa	cggcagaaga	atttccgcga	420
caaccctgat	ggangtgaag	actcaagcca	agcgcgcgcc	atgaaganan	tcaaacgaac	480
aagcggcggt	acngctgtea	ccgaaactcc	atctgctgca	tcnccacctg	cccatctact	540
gagccggcca	agtcctcage	aaccgcaa				568

<210> 2259

<211> 647

<212> DNA

<213> Fusarium venenatum

<400> 2259

tggaattttt	ttttttttat	tttcaaagta	aaaatcgcca	aagcgtcata	tgtgaactat	60
gggtggttgc	taaacttcag	cccactcttg	tccttctttc	tacactgggc	gtgaggtgag	120
aactgactga	tccaacccag	aactctcgcc	acccattccc	tacaacatgt	gcttgacat	180
gtaaccagct	ttaaatacgt	tcaaacatgt	cgattttaagg	atataccttc	ttgccccact	240
tgttgtaact	gtcgtgaagc	tcggcaggaa	gggtgacggt	gggaacaacg	acaacgttga	300
gggcgttggg	agcgtccttg	ggagcctggt	tggggtcacc	accggggtgg	tactggtact	360
tgcagagct	gccgtctctc	cagggatggc	tggcaatggt	gacgggagac	tcggaggtag	420
cgccagtggg	cgatcggcca	aagtagaagc	cagcaccgcc	aagagcagca	accataacac	480
caccgagaat	cagaatctcg	gggttgctgt	gggactcctt	cttgagctca	ttcttctggt	540
gctcctggaa	acggcgagca	gtggtggaga	ggaaacgacg	agagacgatg	cgagaggcca	600
ttgtgacgac	gggcttttgc	ggctgtggtt	ggagaatggg	tttctac		647

<210> 2260

<211> 213

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(213)

<223> n = A,T,C or G

<400> 2260

nttgggtgocg	acantnagga	gttgatgcnc	aacaengccg	aggttggacg	aattatcnga	60
tattgagacg	gcagaagacc	tgtaggagat	tcttgacaag	ctcaagtcgg	aataggnaaa	120
cgaaacacat	gaggagagaa	atccggtggg	gcagcaaaaa	ccatataatca	tqacatacat	180
aaaagcgtgn	ggttgnataa	gnctgcatac	tea			213

<210> 2261

<211> 601

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(601)

<223> n = A,T,C or G

<400> 2261

cttgagcaat	catcaacttt	ctcttctctt	tccctttttg	cccatctctg	tcataatctc	60
ttctctctcc	tcccgatcct	caattccaa	ttcattgtcg	cagcccaact	gagcttgtgt	120
gcagtgaatt	gattcaaaaa	aggaatacgc	cgacactcgc	cagctcattc	catcttacct	180
tttctccgtt	cctcatcaaa	tcttcataat	tcgaaatgtc	tgcaagtoga	ttctcgaggc	240
cgacggnaag	gccatcctna	actaccatct	cacccgcgc	cccgttatca	aggncagcct	300
tttctgcgct	acactnaaac	cccccaagca	actcgctent	gcacttctct	aanatccaac	360
gtgccgatat	ctgaacaagc	tgaggcacct	accttgggtt	ctcagcccca	cccaagttcg	420
tcgntaacc	gatcagtnat	nagcgacgag	gaaanagcgg	ctttggccct	aanaatctgg	480
ctgagntaag	gntgggttnt	gaccaaccgc	naagacacan	gtgacatacc	atggngtttg	540
aggaattctt	gggagccttt	ggccccatcc	canaatgngt	ctnttaacat	cactcngccg	600
g						601

<210> 2262

<211> 608

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(608)

<223> n = A,T,C or G

<400> 2262

gtcgcattca	atacaagttg	ttgetcatca	agcgcattcc	ctgcagatct	ttaaaaacag	60
caattgaaca	tacaataatt	ctacacagtc	gtcagatagg	ccagcgacgc	ctctgagccc	120
accaaaatgc	acgaaatctt	tottacagcc	ctcatcgagg	acaaagactt	cgccggagca	180
tgttccgtcc	tgggcggect	cactaacatg	gacccctggg	agtccatcca	acgagttcta	240
tacttccaag	gaccaccgcg	accaatgggc	atcttcaacc	agagctcgat	taagaaacct	300
ataagccctc	ccaacacggg	ctttctgtgg	aaagagcttc	atcagaactt	gacgcggcag	360
tccttttatcc	tcagacacgc	tacgatgtgc	tcaaggatcg	cgacatggga	cctaattgcgc	420
cggcgatgga	ccttgatgcn	acacanggaa	tcttgaaagt	gactgacttt	ccggatccgc	480
cgggggggga	acctttgctt	accaggggaa	caagggtgag	ctttggggagc	aaaaaatggt	540
gctttaatta	tgcgcgaaaa	ccaccaccgc	ttcaaaaantg	aaactnttgg	gggaaatgtc	600
ccgctttt						608

<210> 2263

<211> 575

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(575)

<223> n = A,T,C or G

<400> 2263

agggactggt	cacgaanada	acdtttttgc	aaqtgaacag	tctgtccttt	acatcctctt	60
ggagtgcacc	cttttctcat	tgccattgac	atcactgctt	gactcctcac	ctttgacaag	120
gcaacgacaa	tcaagcctag	tccttgactc	acacttactt	gatcgagtct	tgtgattctc	180
gtgggtggaac	gttcgtgctt	gcactttatg	caactctaat	actaacggcc	atccccataa	240
tatctcatct	gttcccactg	gatattctgat	attggagaac	atcatcaaca	acatccacaa	300
ctgcctcttt	cacacatcac	acaacaccca	ccnnaaatgg	actaccaaca	aagcttgctt	360
atcgataagt	ctcaaacact	gccccgggag	tctctcatgt	cnatttcnagg	gganagcttc	420
acatcgctgt	tgcaggtcac	accccagttg	cacttcacaa	tgaaccccat	ggaqatgata	480
acctnagtc	ttccagacaa	caaactcttc	atccttctct	cagatcagcc	agaagaagaa	540
atgtntacgc	catcatcatc	tcctgcccc	gagaa			575

<210> 2264  
 <211> 436  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(436)  
 <223> n = A,T,C or G

<400> 2264  
 caaccaggac cccctcctgc aggacctcct ccgatggctg gtcccccgat ggacccccct 60  
 cctcagcaat ccgtgtatga ctatgaggaa actgttatto gagacgtttc gccatcccga 120  
 accatgactt caatgtcgag ctacgactct tatacagggg atagtattca tcaccaccac 180  
 cagcctggaa gaagcttgtc gttcgaactc gctcaaaatc ccgaaccnga naaactttcn 240  
 aaggagatt aagggtattg naagctgagc ttgccaccga cctngagycc gttccaccgc 300  
 ggcgaaacctc gttcggcgtt aagcgtttgc ccgatggcca attggtcatt aagggaaga 360  
 acgtggttga aaaaggaagt ttgcaccnga aaactttctg gattgaaaaa ggacaagaaa 420  
 aggtcttccc taaact 436

<210> 2265  
 <211> 153  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(153)  
 <223> n = A,T,C or G

<400> 2265  
 ngggcgngga gtacaaccac agtgaacaac tctggatttg naatctcgag gangatccgc 60  
 ttgtntaaga taacctgaa atggttcgct tctaggttat cgatgangag tggcacganc 120  
 aagccccaca ggaccaaccc aaccagagga ttc 153

<210> 2266  
 <211> 918  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(918)  
 <223> n = A,T,C or G

<400> 2266  
 atcatttctt ctgttttggc tagaggcggg ctgactctac actgtctcgt catcgagggt 60  
 gtgttccagc tcaaattggc gcaacctcct ttgcgactgc tcaaccactc atcaacgact 120  
 nttgtatttg tgaccatcac acttacgtca atggcctggg tgatctaaaa tctaagccac 180  
 gttcacttgc ctnttttggg agtaacggac acttcttacc tccactaaca qattctcaaa 240  
 gggatcacta cgtacaagcc tcagtcgatg caacttacc tcttagagct agcagtcagc 300  
 agggagaagca aagactcaag ctttgcgggg tagatcgtcc cagtgatact ttcattgggca 360  
 gtatatatac acccatctat cgaactcctt gtcataaact ttcccagata cctacatacc 420  
 aaccaacttca aactactcga taccctttac catatacccc tttaacaaaa acctacagct 480  
 tgattaaacc ggcacagat ccaaaccaaa gaacaatgga aggacaaccc atcaacaacc 540  
 aagaaaccac cacagagcct ntgaacgaaa ccccgctggg ggtctctctc tnaanaccgc 600  
 cggcaagtga tgctggatag caccgaagaa tgagtgatga gtgggatgcc tcaaagggtc 660  
 ctcccagtcg tttccagaag cgcanggat ccatntatgc tacgcccggg tctcgtgacg 720  
 gccacgttga caggaattac gcanacaagt attggagcaa gatgaccgan aagaattggg 780

gtagtaaata	aactccaacc	attgcaacaa	ataaatttcg	gacggnggtc	ctttgtaaga	840
agacagagaa	acgggaacta	aggggaataat	tcgtcgnggg	taaacgagct	acatatatga	900
cttggcgcaa	ttgaattc					918

<210> 2267  
 <211> 584  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(584)  
 <223> n = A,T,C or G

<400> 2267	
aggtggaaaag	aagaacttct
ataggaacc	catgaaagac
cgcgactgca	attccatggg
60	
cqggcgcgac	tcgggttgcc
aagtcctcag	agtcagcaa
120	
gtccacaggg	aatgccaacc
caacagacac	ccccgcgagc
agcaccacag	agacggccag
180	
gtattgcacc	gttcacaaa
cactcaccct	actttcgacc
cagacagacc	aacattaccg
240	
ttatcgatga	tatgcgggca
gctttcagct	cgttggatga
ngcccatggc	tactggactt
300	
tactacagan	gtttatgggt
cagtacattc	ctcttctgac
tgcgacaacg	gcgcagctcg
360	
ctttgccaac	gggtcaaagac
agggatgaac	ttttagccaa
gttggtccagt	gtgcgacaaa
420	
cccacgaatc	gccaaattct
tggaggattc	aagatcatgg
ctccatcgat	ggtcaacctc
480	
gttttagccct	ttgctccaat
ctgtgtcgga	taatcgacag
ancgactcac	agtcttacct
540	
aaacgccatc	aatttgcaac
ttgagttcct	catcctctat
gttt	
584	

<210> 2268  
 <211> 507  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(507)  
 <223> n = A,T,C or G

<400> 2268	
ggnaccgaca	ctgtctctat
tgttggaatt	gaggattatg
cgcgcgccgt	tatcaactcg
60	
ctgccagagta	caacagggtca
ggacattaag	tgccagccag
ctgttgagcg	ggatctaacg
120	
gactgccaat	acgactcttc
ctctctgact	cccaacttgt
ataaggacaa	gtcacccaag
180	
cagctagtct	cgatcgagac
ggttcacggc	agcgatgaat
ngaaagcacg	aattcgaatc
240	
gacgcggtag	attctagact
ttgctacggt	cgcacatctc
gacctgttta	cggatttgcct
300	
gttgatggcg	cgagtgcgcg
agatcctcgt	tttgaaaaat
ttccttcgga	gggttttnagt
360	
aqcqtccaac	tctggcgacg
tgatcgcgat	cgacctgga
ccttgaattc	tactttgaat
420	
gagcgtaatg	cattgggccc
nggcagaatt	aagaacngag
aaaaaaacga	yylycttgga
480	
gaonagnact	gaaggctnna
agaggta	
507	

<210> 2269  
 <211> 454  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(454)  
 <223> n = A,T,C or G

<400> 2269	
gacgtctctc	agcctcatcc
gcaaggccgg	gtggactggc
agccggggcc	actggaagga
60	
cttggatctc	aagggtacgc
gttaccaggg	caagaagact
actctggagt	atgatgacta
120	

caagaagtgg	cgggacactg	ttgaggcggtg	agctggcggt	ttaacagatg	ctgcttccan	180
acatagaggc	cctggcggtt	acgggtgacac	aagggtaaat	ctcttgatga	tgacgatgat	240
ttttttttct	acttctcttc	tctttttatc	tacatttaca	aggtagagtt	gggtttgtca	300
acaccctcat	ctaacagtca	gctacagaca	ataaatctca	ttcatgggtta	acctgaactn	360
aaaaaaaaaa	aaaaaaaaat	tcttgcggcc	gngaattctt	cnngtaacga	cttctnttga	420
tgactnctta	ccatttcctt	tgtcaagcgt	ngat			454

<210> 2270  
 <211> 112  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(112)  
 <223> n = A,T,C or G

ntnctgatgc	atcnactggt	caaggccnga	cggccaaggt	cgcancgant	ccacctnccc	60
ctgcgggtgc	atggangnca	tcccattgng	aanacatggg	nanaacttac	gt	112

<210> 2271  
 <211> 529  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(529)  
 <223> n = A,T,C or G

cgaatatcc	agtgatgcag	tcaactctgt	gtcttccggt	tccgtctcga	aancctctta	60
cgaatttctt	cggtgtcagt	ccaagaaggg	ctttcgcggt	cgcaaaccat	ggccgagAAC	120
acaataacta	cttcagctat	acgctgtcac	gctcgatcgt	tgaatactgc	gatacggaaa	180
caacctttag	cattgactac	ggcatgcgaa	aagacaagtc	acaactttgg	gagccgtcgc	240
ttctcgacag	agacctgtta	cccgaaagct	ccacatcgaa	accaaccttt	gacatcacia	300
aactatttca	gtacgagccg	aaatgcgcgc	ggtttctgga	gtggacggaa	gtcganctcg	360
agttatatgc	caacctggaa	cagccttttc	aagtgtggcag	ggaagaaaga	taacaagntc	420
tgaagccaga	caactaccga	atcatgacaa	tttagtgaca	ctcgtctatt	tcacaatcgg	480
cgaacacttg	cagccaaggc	gnatctgagc	tcactacccg	cacggaatt		529

<210> 2272  
 <211> 559  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(559)  
 <223> n = A,T,C or G

gtcgagggaag	agcgaattca	gcaaagcacc	caaggttccg	agattgagga	tggccaggtt	60
ttgagcggcc	acartgccac	caacaatata	accaacaccc	atcagaatgg	cgattccaag	120
tccactctcg	tgggcaagtt	cgtaccaggt	ggtgctggcg	gtgttcagaa	gaagggtaac	180
ttctttctca	agtggtctaa	gccttgqatc	tacgcccatt	augccacat	ggccagctc	240
gtgcccctatg	agagcaacat	gggactcgac	tacagtgagg	aggttgagag	agacgcttac	300
ttncaccttc	aatcacaang	cgagactccc	atcttgtgga	tcccgtgcc	ctgctggcat	360
tctccaagca	ggaggtgctt	cacacgagca	aggtgatccc	atctcaacga	nggttgccac	420

tgacgacaag	acaacatcga	gtgggacact	tgngggagca	cgacctcttn	tctggaccgg	480
gagattactc	ttaaagngat	gatttttttn	tgtgatacca	acataaaccg	gctttaagtt	540
nnttgtttga	naagatcaa					559

<210> 2273  
 <211> 129  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(129)  
 <223> n = A,T,C or G

<400> 2273	
ntaatngag	60
tgcgctnggc	
gttgcctggca	
actaattatn	
gactaccatt	
gattgcctntt	120
tgaatagaa	
catgcctgnac	
aatagattca	
aggaatgaaa	
caqcttgacg	
atgatgacaa	129
tgatagaca	

<210> 2274  
 <211> 379  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(379)  
 <223> n = A,T,C or G

<400> 2274	
cgagaggtct	60
gcaactccaa	
acgagaatat	
gccccagcac	
cgatcagcac	
tgctcgtgca	120
gcacggcccc	
cccttcagcg	
gtcaatgagc	
tcagctatgc	
gtacaatgac	
aactnctttt	180
caccgaccaa	
cctccagcaa	
ctnttcgatt	
tttaaacaca	
acaatatggc	
cagcgccctcg	240
acacattccg	
acaacgcctc	
cgtctgggtcc	
ggctcgcacc	
agaccgagaa	
atcagattca	300
caagtcagca	
aacccaaagc	
acgaatggnc	
ccaccaaccg	
tatnaagctc	
ggttcanaac	360
tntctcgtgt	
aaaattgnnc	
gacgaggggg	
cncccaacan	
accatttgaa	
tttgntgggg	379
gggccanctn	
ccctggaaa	

<210> 2275  
 <211> 526  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(526)  
 <223> n = A,T,C or G

<400> 2275	
ataacacaca	60
tactcaaata	
ctctgcatcg	
attgaatgct	
aaggcagaca	
caatgcagta	120
caacaaaccc	
atctcccaac	
acaccagcca	
caccatgggc	
gaaggtgctg	
ctaactaqaa	180
cagcggcgac	
aatagcagcg	
gagcgaatag	
cgtgggtcac	
catactagcc	
acaccatggg	240
ccagggcgcc	
agcagcagca	
gctctgggtgc	
ccatggggga	
ggtgggggtg	
ctgaggetca	300
aagagtcagc	
aatggcatca	
ccctggaagc	
cgcttaacag	
acgtcgagac	
ctacgagaa	360
gaaaacgata	
cgaatctgat	
gatgcaagct	
ccttgggcag	
agtcttgacg	
tctcaacggc	420
actgttggtn	
tgragcgact	
ttcatgcgaa	
gctctggtag	
tcttttcaac	
ttcaaanatca	480
tgacacccc	
ctgcgcaggg	
caacagtttg	
caactgctct	
tcaacactga	
nacaaanatin	526
aaatcgaaag	
gccttgacaa	
ttggtgtgaa	
tcctcnattg	
acgccc	

<210> 2276

<211> 590  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(590)  
 <223> n = A,T,C or G

```
<400> 2276
gtgcagcagc aggaggtgcg gcaatcgctg gtttagtcat ctggctctgg ctacaccgtc      60
gcaagaagaa cgtcgaagaa tgcaccccaa tgctcccca aacgaaacc aacaactcac      120
cctaccatcc tggagagccc aaacccgcgt ggggcactac acctacgtca ggatggcaga      180
caccgcagcc caacgcatac ggatactacg cacaaccgaa gcagcacgcg ggtcccgtcg      240
aactaccgcc cgacaacctt gtagctgcgc cggctcctat attcgagatg gacggtaactt      300
cttcggggagc tgttgagatg cctggatcaa cgcctgttga tcttcatac cgtggtagtg      360
atqaqctcag cagancagga ttgggctctt cagctgygga tactgctatg gtttcacctc      420
agacacaacc tgggacccgt atcgacnaaa cggagagatg caccgglaaa atgggttgga      480
tttaattgata gaattgggtt gattggataa ctgattgaa gtaatggcct cgggaattttg      540
ggatgagtggt atatctattg tacatcatca tcgggttgca tttagcgtaa      590
```

<210> 2277  
 <211> 620  
 <212> DNA  
 <213> Fusarium venenatum

```
<400> 2277
cgacgagagt tgcaaatcac aaagggtgct ggagcttctt tgtacgtttg tggcggtaat      60
cattgttact gccaacgaca aacgcacagc gctctctcat tcacttttgt cctccttaat      120
cggagagagg gccccattc ttgcgtttcc ttcggtgcgg ctttggcttt cgtacgccc      180
gtcataaaaa acagcggcct cactctcggc tcacctgtt ggatgacaat gtgacaacgc      240
tcttcaccat ttctcattag actttccaca ccggcaaact tttctctcct catcaacggt      300
ctctccaaa cttaacctcc taaccttcaa tcgcgaact cgtcgcacta aacgtcacgc      360
ttccacgctt ccgccttgc cctacattga tcgacataaa cattcaactc cgcgaaattt      420
ctcaactccac ggctaccga ggctcgtgat atctccagt atgaactcgc tcaagggttc      480
cgaaagcggg ctgcagctcg agggctcaac tggcaaggac gctagtctgc cttccaggcc      540
tttgctctca cctgagcga tgtccttatt gaggacatga tcaagtgtgt gcagaatggc      600
gatggcgctt aactttcgct                                620
```

<210> 2278  
 <211> 119  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(119)  
 <223> n = A,T,C or G

```
<400> 2278
ntactgggnt gaccatgenc tgacnnnncd tcagqaacca taaqncqng tccagaagca      60
aactccagagc nggtcatnat aacacnaall tagggcattg gntatcgtng gggactccg      119
```

<210> 2279  
 <211> 428  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature



<222> (1)...(428)

<223> n = A,T,C or G

<400> 2279

nggggtcnat	atgaggatcg	tggatcgagg	gggggtgtggg	ctgagctgga	agacgggggtt	60
gatganatac	cggtngggcc	caaacaagac	gtgcctccgt	ccggcttcga	cggggtatag	120
aaggggaatg	gaaatgcggc	ggntnttttg	ttcgagtgcg	taggcctgcg	atcgaaaagt	180
cagggccagt	ccagcgcaga	gcgacgtcag	ccgtttcgan	ggggcccacg	tagaanacnac	240
ctcagatgaa	aattggaggt	gagagtggag	cggaagctgt	cnaaacgtga	gggtgtggga	300
tgggaangat	attgaangcn	ccggaagagt	ggcaagatga	ggcttccgtt	ttggaccctc	360
caatnttttt	ttnaagaaa	cgattccctt	aaatcgatta	tcngtccaat	ccattngggg	420
tctgtgctg						428

<210> 2280

<211> 613

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(613)

<223> n = A,T,C or G

<400> 2280

cttcattctcg	ttcgccgacg	ttgtacaggc	tgagcacaat	cctgcttcag	gtattgcggg	60
ctccccgcgac	agcatccatc	ttgcgggtct	tacatctcta	cccgcagcaa	tgaaccgctc	120
accttcgccc	attcgatcac	ctgtatcgag	ccaaggaccc	gagacaagcc	cccttacgag	180
caacccccggc	agtatgaagg	gcattgagat	gagccctca	cgaagaccac	tgggtagccc	240
aaaccagcatc	aacaacctca	agcttaacgt	ttcagggggc	gatttgaaca	ttgagacaat	300
gagccaggct	ctgcgaagaa	ctggcagcac	tgatctcagc	catgttcgaa	gcggctctgc	360
aagcccaatt	gagacctccc	accttcgtta	aagacaacat	ttagtatgat	tcaattaaga	420
caacttggcga	gtgagagcaa	tgatgatata	cacacagcaa	atgcaacact	ttttcctcta	480
attontttct	accaattggg	gattatactt	cctcacttta	ntcgattcga	ccacgatacc	540
tcnggcatcg	tcantttggg	gggaatggga	acactgggga	tttggcaact	gggaatttga	600
anagaaagtt	ctn					613

<210> 2281

<211> 286

<212> DNA

<213> *Fusarium venenatum*

<400> 2281

catgttctcg	actgacaact	acaccatccg	tgaggttctt	actttccctt	tcattgaagga	60
cgacaagctg	gagcagaaga	agcaactggc	cgctgagggt	gttggcattg	agcccgtgcc	120
tgaggagggc	attgctcaca	agtaaaattg	agaaatagta	tatgtaaggg	ttttgtgatg	180
aggttggggg	tatgatttaa	cgttgagaca	atgataccag	gagggacaaa	gatttcatcc	240
tggaaataga	acaaaaaaat	gaaatgcttt	tggtttgtaa	agaagt		286

<210> 2282

<211> 482

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(482)

<223> n = A,T,C or G

<400> 2282

cacatgcttc	ttacgcgtcg	ttattcatcc	tcggatacct	tggctcttate	acggcagact	60
------------	------------	------------	------------	-------------	------------	----

tcctctttaca	tgtaagcttg	naaaggaccg	atttagcgat	aatccgcgaa	ttctttatcta	120
cctccttttcc	gccacccagc	aacaccttca	tngttaattc	anaaacgaat	gcacacagcg	180
aattaatccc	ggtcttactt	gatgtaaagt	agtgaacact	acggagaacg	atcatcttcg	240
agtcgcgacg	actatactac	ganaaaaaccg	tacatcggac	gatacaagtg	cattttctact	300
acatctctca	tctcatnggg	tggtcgcgac	gcgcttctct	catcgtgcct	tncaatgacc	360
cgacaaaatg	catcgagttg	gccatgtcaa	cacagcatta	nctcggcggt	gnanaaatta	420
acntgttttg	ccagcgacct	ttgaaccccg	cgcgtgtntt	actgggnaat	ccttgttcat	480
tt						482

<210> 2283

<211> 589

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(589)

<223> n = A,T,C or G

<400> 2283

cttgccttact	cctttctaagc	ttcgagacga	caactntttc	ctcatcaacg	ccgcccgaatt	60
tgccctctccc	agcaccattc	gtgatacggc	agccggccgt	tctnaaagcc	ccttcggnga	120
gagacgacct	tactccccct	ctgtacctgc	tgctnaaact	ctagcctcgc	ccttngagga	180
gctcgcgcgc	cttccctagcc	cttacagcca	tcttctccgc	aagtctggta	catttactgg	240
tctcgacttt	gcgcccccca	agaagtcca	ggattccgac	aacatgagcg	atgctggaag	300
tatcaggagt	aaccgtagtg	gcattgtctca	agcccagctc	ggagccatcc	gcaacggagc	360
tggaagtgtc	agccgaactgc	ctggcgacca	agtgttcaat	gntgatgcac	tacaagacac	420
gctgaagcca	tcttggggga	tccgaccttg	ataaaccaaa	aagcagcgca	aacattattg	480
ngaataatcc	gagatttcgg	catcacaaga	agtgtcaaaa	attctnttag	cggtgncttt	540
tygcattcat	tatacagnng	gcgcggggctt	ggccactttg	cacatttttt		589

<210> 2284

<211> 485

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(485)

<223> n = A,T,C or G

<400> 2284

gcccagagtc	caggaaagat	ggtacagccg	aatccctgct	ttcaagtcca	ctttcctcgc	60
cactctggagg	cccatcgtea	tcttctgggc	tgcttctcaa	atcgtaaccc	tgggtggcat	120
cagcacattc	tacgccatgg	gcaactgatg	ccaagaaatt	ccccagttcg	acggtagcga	180
aggcagcggt	tggggcatca	tgatcctggc	tctcttcttc	cagatcgccg	tccaaattcc	240
tgcctatggt	gtttctcatc	gtgtccaggc	ctctcttctt	ccgccgacgc	cgacaccatc	300
attcccttcg	accgctcttt	caatggccgc	atcgagcctg	tcgntgttgg	tggtcggggg	360
tatgccactg	tccgtgacgc	ttgggtccagc	ttctccaagt	ctgcctggaa	acgcattgnc	420
atgctcgagc	tcaaaggcgg	tgtctgntct	tttgcctnca	tctttgncct	gatgggtgca	480
tcaaat						485

<210> 2285

<211> 606

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(606)

<223> n = A,T,C or G

<400> 2285

gttggaatcg	gtgtggcagg	tgetggagca	tcaagagcaa	gtggtttata	aaacctcccg	60
ccgctcaagg	catgccgcaa	ttgggtgccca	atgtcgaaac	cacgcaaagc	ccaaaatttc	120
catatcctga	agctttcaag	caagtcattg	ctccaacgaa	ctccgttccg	cgacgtgacg	180
aagagcatgg	aaatacgggc	agtaattcgg	ctgagcatca	gagcccaaga	ccatcccaag	240
cagtattgat	cgatcggaga	tcagagagga	ttgaggagag	gggtttctca	acaccggttt	300
tcggtgtgtc	gcatactaca	gctattgagt	ttgaggaaag	aatccagccg	acatatgttg	360
tcctgggcat	atttctctgc	ggtgctctca	accctaagga	acaaaattgt	ttcatcgata	420
ggcccagacca	atttttctca	aagctcaggt	gggcgacatt	tcggcttcgt	gggatgagag	480
gaacattatt	atctttgaag	catctcggg	cgttttagact	gtacaagtgc	gatgctaata	540
ccggaaaaca	cgaccacatc	aatctagatg	ctaattggaat	tgctgatttg	natcttctgg	600
tgagtn						606

<210> 2286

<211> 609

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(609)

<223> n = A,T,C or G

<400> 2286

ttcagttagg	cttttatagc	ctcaatcaat	taacaacgag	tattatatat	caagttcata	60
ttataatact	cttttctctc	ctttttcatt	accaccacac	aatagacacc	atgcatgtac	120
tacacggatt	cgggtcaaaga	cgaaagtcgt	ctcgctctcg	tgaccttcac	atcagaaagg	180
tctctctctc	aggatcttct	ctctcatccg	gctgctctct	atcatcatcc	tcacatcaaa	240
ccatctcgcg	cctctcaaca	ccagctgcta	ggacacctac	cgcctcaaga	cccgaatagg	300
accctctcgc	ctcacacccc	gccttccacg	caccaccaag	attatacgaa	cgacctttca	360
agcgcattga	cgatcacgag	cctgtattct	acggtaaccg	ggaggcagtc	atcgatgagg	420
aggattttgt	cgagcaagat	gtcgtctctc	agcagcctac	agagatggct	ctggcttctc	480
atgtgagccc	tatggatgct	gccgacgagc	aaggcaacga	accccaagga	ttacttcttt	540
accacantat	cagcacgacc	accaatggcc	aaatttcgtn	ggtccgaatc	cccatccaag	600
cattcagac						609

<210> 2287

<211> 647

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(647)

<223> n = A,T,C or G

<400> 2287

cagccctgaa	cagtaacttc	agcaacatcc	tcggcaccaa	gattccgcaa	atgaagttgc	60
ctgatgggtc	caagacgggc	ggccgagttc	acgcgaagtg	tatcatqaa	tttganaacc	120
gaatcaaggg	tgacttcena	aacaaagggn	aaaagtgggc	tggtgatgtc	gggtatcgagg	180
cagagttccc	cgaggccggc	attgaggagg	gttatatgac	cttcaccaac	gaggagatcc	240
ttcagtgctt	cgagcctgtt	gncaaccgta	ttctggagct	tgtcanaaaa	cagattatcg	300
ntattnaggg	tcagaacagt	actcttcana	acatttttgt	tgtcgggtgt	ttcgggtgct	360
ntgaatatct	cttcacagaa	atcaagctcc	acgttctctc	ccagttccag	tccaaggttg	420
ttcgacatct	ggactccggt	ggcgcaattg	gaaggagagt	gtcactgntg	gtatcanaga	480
gogaatcgca	cccacccggg	ttgcccggcn	acactacctg	atggctactc	ttcagccttt	540
gaanggaggg	ctaccacccc	gaggcctacc	gngtcccttt	tttgaangaa	aggatcgctg	600
gaaagttenc	cccccanatt	ttcgccaaaa	nggcacaaa	gncaana		647

<210> 2288  
 <211> 270  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(270)  
 <223> n = A,T,C or G

<400> 2288  
 cgagaaggcc acccccatga ttacgggtca cgaagaatta taatatcatg cacgcgccga 60  
 gttatttctt gtttcttttt tcacggcaat attttttttaa cgatataccta acgtacatac 120  
 ccaccttttag cacaagtccc ttttggcatg ggaccagccc gttgagcgag gtgctgggct 180  
 ttatactctt gtttaatact acgagcaacg cgcgatacag cccgcgttgc caatttcagt 240  
 gttgtcaana aaaaaaaaaa anaaaaaaaaat 270

<210> 2289  
 <211> 271  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(271)  
 <223> n = A,T,C or G

<400> 2289  
 cctgaagcta tttagacgag aanttttttt gnnagaaacc ccgggtcacg gcgntaaagg 60  
 aaataaccagg gcgggaagtc acctggaacc tgtaagaggg aattcaggga ccatgggggc 120  
 acacgtatgt gatacagcnt gatacgagga caacgaagga tggggtncct ggcaaagggt 180  
 ttgtactgca cgtggggtcg ctgaacaggg atataanca gagccaacag gagegcantt 240  
 ttttaaagat naaacagagt ctttttccgt c 271

<210> 2290  
 <211> 190  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(190)  
 <223> n = A,T,C or G

<400> 2290  
 nctctggcct nectngccgc ggcncncag ccaccagcgc nccgcggccc cnacggagcc 60  
 cgcggnaaca ggangccgcc acccccccagg ggacaangga gagcangcag cnaggggggc 120  
 caaggacgac agcncncgca ccgggaacnn caaggcaaca cccacaaggg cccngccccc 180  
 qcccgcaagg 190

<210> 2291  
 <211> 639  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(639)  
 <223> n = A,T,C or G

```

<400> 2291
ggcgctagaa gagccaccgg agccactgca ggtaacatca caacaggtct tcccatcgaa      60
gataaggaca agggacccaa caagggcgat atcctgaacg gcgctgtcag ctggacccgg      120
gatctcatgt ggatgctcca tcttaagctt caacagcaag aagagatgat gaacactatt      180
gctgaccttg gcggccactt cccctttgag atgacagagg atgagcgacg catgcagacg      240
gagctcatgg acgctttcaa caagagttag aatggcactt tctcatactc tcgcacagct      300
gggactggcc tgcgagtggc tcaccatact gattatcgcg gcgagtcctt gtcgggtggg      360
gggtggcagcc tgcgacctgt tggcatcaac ccanacgaca acctcgactg acgatacaaa      420
tcaattttgc atgaccccga tgacaacaac agtggccatg ctttcgtcaa tttcaangng      480
ggaagacgag tacnacatgg atctcacgca cttaaagtgt gncctgttaa cccatcttnt      540
ggcttngaga gcatattttc ttaacgcata ttntggacct ccccgctcaa tgggacgggg      600
cttacttggt ggggttcgca atattacttg gnattggta      639

```

<210> 2292

<211> 372

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(372)

<223> n = A,T,C or G

```

<400> 2292
tataggatag tgtgaggcca cgcaattgga gtgaggaaag acaggagcgc agaattgggt      60
atcgaagcag gggctctcaa aacaaggccn gcaaaaagga agtgcgcgaa gccttcagtc      120
tacgaatggc ttttgccaac gcttgaagtt tttggacttg acacatcaac agctcnagta      180
catgctaccc gtgtggcncc gggctcacac tagactcttg gcgaacttng ctggacattg      240
acagcagagg acgatctttt anttttttac tttgttaatg ggcgttacgg atatgggaaa      300
gcggctncaa cagcatttga tcattcaggg cacaattcgt taccacaaaa naaacagggg      360
atttgaaagt an      372

```

<210> 2293

<211> 569

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(569)

<223> n = A,T,C or G

```

<400> 2293
atcctctata ccattttatt aaaccgttta tttttgatcc tacaagaaaa acaatcatgg      60
ctgcggttca actccaaacc nccctcacc aggtcgccgt cttcaagaaa cctcatagcc      120
gcccactg agacgtcgt tctcaaagaa aaatcatgtc ccttaccggc gatagcttgc      180
acattaagct cgccaacggc caacccttc tcaagggtcga aggtaaagtc atgagcgttt      240
cgggcgcaa aaaggtcttt gacatgcagg gcaaccacct cttttccatc gtcaaggagc      300
tcattgcacat ccacgttacc tatgccgtgg aggacctcag ggtgtcaaga tcatggaagt      360
caagaatagc ttcaagctca tgggctccaa gggcactgcr accttcacct ccagcgacgg      420
caaccgcagaa gttctggaga tgaanggcaa ttggttcgat tacycagctg atatctttga      480
caagtctaca aatactgtag tcgcgcgcac cgaccgcaag atctcagcgg tcgtgacatg      540
atctttggtc agcagaacta cgctctaatt      569

```

<210> 2294

<211> 628

<212> DNA

<213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1) ... (628)  
 <223> n = A,T,C or G

<400> 2294  
 catacatcaa tttcgtctcg atctcttaat cgaaccttcc tttctatcac gaactctctc 60  
 actctacctc ctagtacctc cctacctagc ttgcccacgc tcgcctgtcg cgtatatcac 120  
 atcctcctct tactcctggc ttcttccgct ggncatttaa accgcgtttt actactctct 180  
 tttcatccca ttttgtccat cttgcctgtc ctcaaagtca acggaactca tcaccaacgc 240  
 gtgcaccaaa gacgctatag atggtttgaa acctgacatt gctgactact aacctcccaa 300  
 aatcacttcc agtttcttcc ttttcaaaaa ggacgttttt cacaatgtcg tacttcagct 360  
 ctcaatactc ttctctctct gtccctacca tgtctcccca acatgccccc caagtccatg 420  
 ggcattggcaa gctttggnc aacacaccca tcgcgantcg cactatggca aaccaagttt 480  
 guagccgctc aacctgtacg aaccgctgca gctgganana agcgttctcn ggacgaagnt 540  
 tctgacaacc ttgagcctga atcaagtccg ggccgttgag gancgtgaaga agaattggtt 600  
 aaggccctgg natganccctc gtcaaaaa 628

<210> 2295  
 <211> 421  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1) ... (421)  
 <223> n = A,T,C or G

<400> 2295  
 ggtgatcccc ggccctcttg gggcttttgc ctccctggtc tgcccaatcg acccatgccc 60  
 aaagacgagc agtcagatga cgagcgggag gaccctcagc ttatgagaca gcagcagaac 120  
 ggggaacggtc tcttccccc cctcgcattg ctgtacctgt cagccgtgga cccgagcctg 180  
 acgtttggc acctcctgag cagcgtgctc ctctccact ccccccctagc caaatcgatg 240  
 tgcccaagga gtcagaactt gctgatgaca aggangtttc cagcaccgcc cgttctgctt 300  
 gtggtgcgcc tgccgggtgt gctgtaagaa ctgctgccgg cgttggantc gctgccgcgc 360  
 ctggtgcttt cgatcgtgag cctagcccc gaaaaanccc cccccccca aaagggggcc 420  
 c 421

<210> 2296  
 <211> 611  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1) ... (611)  
 <223> n = A,T,C or G

<400> 2296  
 ctggctaccc tccaaactgt ctctgctcac ttggggcttg tcttccccc atggcggaagc 60  
 tgataccctc tccgaagaag aatgaggacc gntcacaacc gtggacttat ccttqatgct 120  
 gggttttgac tacaataaga aanacctgga ccgaactgggc cnttccagggg gtggttctct 180  
 taccctcgac cttcaccacg aatgggtcct acgtctttgt caacctgggc ctccggcgaag 240  
 aacaccacca atttcaacat ttcccttaca cccgagttcc tnaacgccc acacgctggt 300  
 acntttttca ttgaaaactt gcccttttct naagcgtcaa ggtcttcgga cngagacttt 360  
 gccagtatnc aagggttgta ctgtcngtgn aaagcggcag tgcgctctac aactgngccg 420  
 atatccgntt caaggagaat gcaaaaggac ccagcaacaa gactgagcat gtcgactatg 480  
 teatgatcaa cagcaggatg gtaatggaac tgaggatagn gnttccaaact tctcgtctcn 540  
 aggggaggan ggtggnatca gtggcaaccg gatcacggaa tgggttggtgt naaaacaaag 600  
 ggtttgacct t 611

<210> 2297  
 <211> 627  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(627)  
 <223> n = A,T,C or G

<400> 2297  
 agtcaataag tcgctacttt tcttcaattc aaagacgagg ggcgagcttt catgttatcg 60  
 actatcgata tatatgttcc tgcaccatag tttattcgac gtcgatccgt cgcacccctc 120  
 attcatagtc gccgtccctt cactccgaca tttcggacta cttcattcac ccttagttca 180  
 cctcggcgtg gcatgccact agcttgatca tcatggcttc tatgccttct acgactcgtc 240  
 ctgaagacga taaatctacc accaccatac cttcagcagg ccatggacaa actgtaaacc 300  
 tacaggcttt gtcaccgtct gttggcgtga ccgacccctt gctgtttccc aatcttgcca 360  
 ccagcactac ggtcaaacag ctcaaggaca agattcgaca gacccttccc ttgcgccag 420  
 ccgatgagaa tcagcgcttg attcatcgcg gacgcgccat tgttcgcgag tccgacacct 480  
 tgcttgatat attcggcgca gatgtggtcc gcaaccccca gcaacagact attcatcttg 540  
 gtattcgaga tgtgcaagac aaccaatcct cagccgcgcac cgcactctct gcgcttctg 600  
 ctcccgtctc agcaccagcg tcaggtc 627

<210> 2298  
 <211> 270  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(270)  
 <223> n = A,T,C or G

<400> 2298  
 tgaagctgga gccttaatcg tcaactcgca cgaaggtnct aaaacaagat taggagaaga 60  
 gcaacttttg ttacaggagc atgctacaaa ggcaactcgg gacgactttg ctgcaactga 120  
 aagaagagtc ggtctcaaaag tcagagtcgc catgtggatt gtttcgctag tgggaggagc 180  
 gttgtaaaaa tatgtaaatc agtgtaatca tctagagtga ctccccgagt ccaatgatac 240  
 ccaagagtta atcaacatcc attcggcatg 270

<210> 2299  
 <211> 1143  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(1143)  
 <223> n = A,T,C or G

<400> 2299  
 gctgtttgtg ccacgtcgca aaccactctg ggcgcaactg tacgcatatc tccccatata 60  
 tcacggttac caaaaactata attatcagcg acaaaaagtcg tttattagtt gcccatcatg 120  
 tccgcagaca ctgctcccc caacggtaac aacaacggcg aaaatgtata caccgaacag 180  
 atgaggatca atcaacacag ccgctctgac caatctcttc cagaggggaa attcgatttc 240  
 caatggcaac ggtttctctg gtcagctctc tggcctcgtg gatactggcc gtcgacgctt 300  
 ttctgtgacc actcttggtc tctctggtae ttcaccacaa aacacatctt atttctgtcg 360  
 tcgaggaagc atgtcgacca actcgaacaa ctctgactcc attgatgaga gcgctatoga 420  
 agatgacnac atgtactcca agantgcgcc tactacacca tttgtccggc ggatnanctt 480

cggtcctgcc	aacatgcgta	acatacgtcc	taatggcagc	cctggaaatg	aacagcaagg	540
tttcaactgg	tccgaacagc	ttaagtctcg	tgcgagaggt	tctgtcatag	gtgtcctcgc	600
cgtttccttc	tgcgtcgcc	cctcctctcc	gccacgaggg	tccatccacg	atcggggcaaa	660
gtccggtttcg	gagatgcctc	agcctccagc	tcaagcttct	tccgtcaagc	agcagcccag	720
gcagcctgag	cggcccaagc	ctgatgcttt	ccaggagaga	attctgaagg	gtgactttta	780
catggactga	gtgaagcagc	gcctcaaacg	cccatacacc	caaatatgat	gacgatgatg	840
atgatgacac	caacaatgac	gacccgccta	ctttaccaca	actgtacgac	gatcttgata	900
agctgtctga	tcccttgcat	ctgtcgaatg	cactacgcaa	tgtgggttct	aatatgggta	960
acatatccag	ccaatttccc	ttgaaggaga	tctctcgcta	aacacatggc	tggaaattta	1020
tactttttat	gggtttgcaa	gcaaggcttt	ttttgagctg	ggttatttta	ggcaaaggcg	1080
aaaccgacca	aaaacatgca	gccatattga	attcgccatg	ggacccatag	ggggtgacaa	1140
ggt						1143

<210> 2300  
 <211> 583  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(583)  
 <223> n = A,T,C or G

<400> 2300	
ctttctagt	atacaagaag atttgactta atcgcccatc atgacttcag cactgccact 60
tctctacgt	gccctcgggc tactcatggt cgtgtctatc atcgaaactc tccctcatct 120
ctagcatggt	cggtttgcta caccgtaccg cgagcgggaaac tttctctttc gaatggcagg 180
gcacagagca	ccagctaaaa ggccaacccg caaacttgat tgtcgaccaa ggcatacaa 240
gcaacggagc	cgcaggaaca gcattcatcc ctatcggtctg cggaggattt cttgctctct 300
ggctccgaaa	cagacacaac cctggaaaat tcagtcggtt cttttacaac ttttggtctg 360
tttggaatgt	cctcagtcct cttctcgttt tttcagctct tatctacacc tttgtcgtta 420
caaccgaaca	caacggacag agcatcatcc ccagcgttgc agccaagctt aacgatggtc 480
aaaaataccc	tcttgagtcg tggacgcgcg aaaattgggt ctcggtctct ctcgaccttg 540
aactcaccaa	ctcgaacgan aggaacgaca ttgaacatca cct 583

<210> 2301  
 <211> 505  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(505)  
 <223> n = A,T,C or G

<400> 2301	
gaattttttt	ttttttttta cgaatacaaa cacttctggt tattgcttgc ttcattcttg 60
agctgtcatt	gcagcttttag tagtacaatt ttcaccttgg tccattacc gtcccttgcc 120
attatgtcct	ccattttgaat gttaaataat caagcaccct cacttctgt gaatccaggc 180
ccagtattga	cctgcctaata cttgtccatg tgcctctcat gctttcgctc ctcaggactc 240
cagctctgtc	gacgctgaaa tgaagggtgt cagctattcc tatqccqcat gcaacggctg 300
gacacagctt	gagcgggatg ggaagttgga acttggatg ggggagaaat ttgggttggt 360
gtggatatgg	ctggttggtg acgatccatg gtgaagttta gttttgaaca gatattttt 420
gatgatgata	gtgtttgggt gtgatgaagt ctctttatag gttgtttatt gtagtttggt 480
tgaagagtgt	tgcctggaan aattc 505

<210> 2302  
 <211> 596  
 <212> DNA  
 <213> Fusarium venenatum



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<220>
<221> misc_feature
<222> (1)...(596)
<223> n = A,T,C or G

<400> 2302
cctttgataa tctttaccaa actctgctca atcatcaggc cgagccaaat agtctctcta      60
ttttcacatc cttgttacgg ataaactaga attgagcttg aacagatagg ctcccttcagt      120
tctcgatggt taattacaga ggccgtggcg gtccatcgcg gtcaacgcct gccaatgtcc      180
agtgtcagaa atgtctaaaa cgaggtcact actcttatga atgtaaagca acggcacagg      240
agcgctcgta tgtgtcgcgc ccatacagat ctacgcagtt gcgaaatccc aagctcgtgc      300
ccaagcttac aaacgagacc ctgaaccctc tggaaaagaa agaaggtggt gctgatgcag      360
aactggctaa ggtagatgct gaacgcgcac gcaagcgcga gcgggaggag aganatgatg      420
agctgatcaa gtcaactgca aagcggcata aatctgtttc ttcccattct gtgtctacta      480
tttctactaa tgctttnaag tctcgtcnc ctgggttaaaa atanaattgg atcacctcgt      540
gcacgaagaa aaaattctca ttctgacact cacgaaggcg aagtgacttc gaance      596

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<210> 2303
<211> 575
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(575)
<223> n = A,T,C or G

<400> 2303
catgaacgac ccttacatct tcagcaacag tggagatctt accacaaagg atattctgaa      60
gcgttttcag gataggcggg gacagatttc aattgctgat gtgaacgagg tttaacaaccg      120
tcaggacaat tccacccgac ctccagctcg gcgagtagaa actgaccccg cagtatggca      180
gggtgaaacc accgttcgca ccatacaaga tcttcgatg cctataccca ataatgggca      240
tgcaactccg ccggctcggt tcagangacg gaacgatctg aatccctcgc cttatggtec      300
aaccagttca atcagtcaga cagtcaactc gatagcgccg ancatancag gaggcgcgaa      360
tggccaatct ggcataaggaa gacntcaagc ancnngcttg gtgtttccgg caactcatga      420
tactttctcc attgatgttc ttgattatag cagggtctaga caacgcccgg taccagaact      480
cgttncgttc ttacnttcan tcagggcgcc tgattgggtt tngaaaaata ttgcatantc      540
aangggcccc ctctttgggt cttcttaacc cagct      575

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<210> 2304
<211> 502
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(502)
<223> n = A,T,C or G

<400> 2304
tccaataaca ccaacaaatl acgtcgatcg cccctcaaac tccaaactac caacctctct      60
cgagtatcac gttaccaaca aaggcattcg gccttaccga gcctcagcag actgcacccc      120
atgtgtagcc aataagaccg acaaggcggt tgaagcgctt gctaattgcac ttcaacccaa      180
caaataccaa taatagagcc cgtcacaatt tcttcgacca agcaaggaca gtccctttacc      240
tataatcgat cgccaacacc cgattcgtcc taagattata tcacaagcat cttgaaaaac      300
gcagtttttg cagaaagcca agaggatttc gacaggttcg accgnaagct tttatntagt      360
ccatgagtcg aatgatggtc gttggacttc ccttgataca agaatgggac cgtcagacgg      420
agaatgnacc atgggctgca attggatacg aattggatga tttntnaatg gganggtaac      480
atgttgcgca tatgggtattg ga      502

```

<210> 2305  
 <211> 590  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(590)  
 <223> n = A,T,C or G

<400> 2305  
 tgggatatga ctggcatgca acagcatttc cctcaacaag acactgtcat gggtaatgtc 60  
 tacatggcca accagcaaca acccgtcgct actcgccctg ctactectat tctacaaaa 120  
 cgacctgggt cctggggcaa gcgactgagc cttgagaacc tgcgccccaa gaagaagact 180  
 agcgtctatg gtagccctgc ttccgagcac gaagctgtcc cgctgtacc agccatgtac 240  
 gctgagatga tgcctacgtc tgtaccagcg ggctacgaac tgccaatgcg aatgggtcac 300  
 cctcaacaag gctacacatc gaacctggc ttcatgctc aagcacagca acugcagttc 360  
 ggttcaccac aagctttctac ttggatgaca gcgacatgag actataaggc gttttaatct 420  
 cggaacggaa aacatttttt gagcatcatg atttcatttt ctttgcata taccacatat 480  
 ctgtactaat aatcattccg cacacgggac aaagtggaag acgaagaact ttacgacagg 540  
 ataccatcc tctaccatat gacaactttc gccttntcnc cttgtttgtt 590

<210> 2306  
 <211> 564  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(564)  
 <223> n = A,T,C or G

<400> 2306  
 tgactttatc ttgcatacca caaccaacgt cgatcacgcg acactcgatc atcatttcag 60  
 acaggtctta catacgaaat agcttgacat ttccctaccg atcaggttcc ctgactggc 120  
 taccagtctc acaggtagtg aattgtgccc aacctcaaaa caccacaacc accatcatga 180  
 gtcgacaaac accacgaaag cagcgacaca cccgtcagcc ttcgaaaccg ataccggcgc 240  
 ttctagacta cgaatcagat gccgcagtta tacataccga ctacgcgcca ccgctccac 300  
 gcacaaacac cgaactcaac ctctctgtgc tccagcgcta tctccctct atccacacca 360  
 tctcagcat agcagccaac gctgttatct acacattcaa tagcacctct gaaaattggg 420  
 aaaatctggc gtggaaggca ccatgtttgt ctgcgcgcaa agtccgtctt ccgaagatcc 480  
 tgcacaacaa ccacaacctg cgtgtttgtc cttaacagaa aaaggnttga naatgtgaat 540  
 qtaqattctc cgggtgttcc atgc 564

<210> 2307  
 <211> 588  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(588)  
 <223> n = A,T,C or G

<400> 2307  
 aaaggcttga ggyaacagcc tgcctcacga cgacgtcggt gctgtatcgt adcaaagatt 60  
 tctctggctc ccatgcagcc gttcgcccggt ccagcggcaa ggcttgtctg gagecatgag 120  
 cgaataggac tgcaccggac cagangccg agcaagtcac gctgggaacc ctcaatatcc 180  
 cagaattcaa caatacgaat gcgatacaac ccngagcca ttggccttca atcacgactc 240

tattcatcag	agagaccccc	gaaagattcn	gagaccaact	ctaggacaaa	taaagacgtc	300
gaagctgagc	ttgaatctat	ccttaaacct	cggccaaata	ttctnaagga	gcttcagccg	360
cctgtcgaag	gaacgaaact	ggaagatgtc	nagtctactt	ccgcagatgc	tatccccna	420
gactcaaaac	tcgagacgcc	cnaaactgaa	gaaggcaagc	ccgaaccncc	aaactcgacg	480
atgctgctca	atcacncgaa	ccccctcgac	tactgatngc	ctcccaattc	tccgtgaccg	540
cgcgccacat	cctgtntncc	aatttaagga	gaaatttagc	cctgctat		588

<210> 2308

<211> 656

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(656)

<223> n = A,T,C or G

<400> 2308

ctcttttcat	ctcttttctg	acctgaacta	tccttagggg	actttttttc	cttctttccg	60
ttcttttcga	atttcaactt	tttgcatatt	gattatctgc	tacatgagta	tctattgcta	120
aaactcttat	gcaactcaca	ttctcttatt	ctccctctac	tacaatatta	tcatgatggg	180
tcgtgtcgct	tttatatctc	tgcgagttct	gcagctagct	ctatctattg	cgagcatcgg	240
cttgagctca	tatgttgctc	acgattacga	ccgcagaagt	cgaggctcag	cgcttccacc	300
gttttctctc	ctcttgacct	cgctccatcg	ttccatcgct	ctcatcgctc	acctcgcgat	360
cgctcctctg	tttgcccgcg	cctctatcat	caatacgcgc	ccgttgctcg	gaaaccgcaa	420
tgctgctctt	tacttcgcgc	gttccatcgcc	attgctgctt	cattgggggtc	cctcattatg	480
tgtgagggga	accgtctgct	cggtgcgcac	cncgcgatgcc	gtgttgctgt	tggncaagtt	540
acggngtgga	taacgacaa	gggcttcaca	gccaagagtg	ttccaaagga	ctttcaggac	600
tcaaaaggca	ttgccaccgn	aaagggnccg	ctaagtactt	natgccctna	aaacgc	656

<210> 2309

<211> 606

<212> DNA

<213> *Fusarium venenatum*

<400> 2309

cttgtttctt	tttttatttt	attgccggcc	ggcccttacg	tagtgatgca	tagaaaagag	60
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tacctcgcta	tcttactggg	tcttcggact	ttttctcttc	tccatcagcc	taatgaccat	180
ttttgtttcg	actcagacat	ggattagttt	gtttttttgc	ttcttttatg	taggtgcgcc	240
ccaaaccccc	cttgctgctc	ctctcatctt	gcctgcctga	ctcaagttca	aggcaggcca	300
agacctggcc	tggtcaggtc	agatcatgtc	taatcaggtc	aacaacagac	aacgaaacga	360
cctggtagac	agggcccgag	ggcagatcca	ggctccaggtc	ctgggtccacg	cgacaataac	420
aacctgtagt	tgaqccctgt	tcgcaatctt	aaccgcgatg	tcattccagtc	gctctcatcc	480
gtcacctgtc	acgtcacatc	cagcctaaat	ggatgggact	gcacatcact	ttgattaccc	540
acgtagtcgg	gttgggctgg	gatacaca	gaacgaatcc	aatcaattga	atgggtcacta	600
gactaa						606

<210> 2310

<211> 570

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(570)

<223> n = A,T,C or G

<400> 2310

ctgctctact	ggaactcggt	catgttggag	aagcaagaga	aggatcagaa	ggacaaaggc	60
------------	------------	------------	------------	------------	------------	----

gagactagcc	catccgtaac	cgactcgcaa	cgacgaggct	cttctttcga	tgatttcctt	120
cgtaagacg	atggcgctga	gcaaggggac	atatgttttc	aacactggag	ctgatacccg	180
aggaatggat	gagggcctac	gacgtcgtgg	cgatgggtccc	cgtaggtttca	ctcctctgta	240
catcaaccct	tttgccgacg	aacaccacat	cgaccatgac	gagatcaacg	aggagcctga	300
ggaaaccgga	caaaccgccc	ctgctgccga	cgaagtctct	gatatctaca	gcgccccact	360
caggacaaag	acganaagcc	tactgccgcc	gttcttattg	atgccgaccc	actccccgcc	420
gctccgagac	agcctccact	gctaccctcg	agcganagat	cggcgttgat	gaattcatga	480
ccgccggnca	ggaaaaccgc	gacaaggcta	cctctttttc	ngggctgggc	gccaaacacn	540
agcaccgact	tttactcncc	acttccgtcc				570

<210> 2311

<211> 622

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(622)

<223> n = A,T,C or G

<400> 2311

aatcggaact	cgattctcat	cctctctttct	tctcctcaaa	tattgtccct	gcttctcctt	60
tgcgacacga	tagcttgaga	cattaccaat	cccatctccg	acggctgcgc	cacgcacgcg	120
tacctacagc	acagtacatt	ggtctactct	acagtgtctt	ctctctgtac	aacccattct	180
gtctagactc	ctcgccctgc	ctagattcga	tttgctcctga	ccactcacgc	accactgggt	240
aaccagaact	gtactcaacc	acgggcctcc	tccgtcgttg	cgcttctcgt	actctctacc	300
ttggatccctg	ttttccctcg	cgcattgttc	actctcttgt	tctgtcaac	caacacaatc	360
gaccatcacg	aatacttttg	ccccatttgc	gcttcattga	cgcgattcga	attactttat	420
caaatctctgt	cgcttgacca	ccaccgacac	ctcattaatt	acttcagcgc	aatcgattcg	480
acacgcagaa	agagcgacca	caggccgagg	gaaattgnca	cgggtagtga	aactggagga	540
atagaacgcc	ctatcgccctg	aaagangccc	cttggccatg	gccgacaacg	agaaganggc	600
ctnctcttnc	gangetcaag	aa				622

<210> 2312

<211> 602

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(602)

<223> n = A,T,C or G

<400> 2312

gttgagaagt	tctctgcct	cccttttgcg	gacaaccagt	ttgatctcat	ttctgctcga	60
gaacttcaca	gcatactcaa	gctctttggc	gagaacgggtg	aagatgagtg	ggacacttgc	120
ctcaaggagt	gcattgcgtgt	cctcaagcct	ggcggtacc	tgcacttttc	ccttcttgac	180
tcagacatca	tcaacgctgg	tcccgtcgga	ctagccaaga	gcgtcgagtt	cggttttgct	240
ctcaagactc	tgggatatga	tcccaacccc	accaagctct	ggcttgcccc	tttagccccc	300
gcgggcttcc	aagatactcg	tgcactctgg	atgtgtcttc	caatggggcg	caggcgaagc	360
atgtcaaaagc	cccccaactc	tccatgaagg	atagccccga	tgaacaggag	tcaaaactqn	420
cagatggaag	ccatgtgatg	gaanaatgat	gacattgcag	cgttngagat	ggtggcggtg	480
aactgggaanc	atgntctccg	tgtgaatgaa	aggtglggga	nttgnattgc	gtccacatat	540
ggactgcatg	aanagttgca	gnttaanggg	ccccgttntt	caggaagcca	actgaagneg	600
nt						602

<210> 2313

<211> 563

<212> DNA

<213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(563)  
 <223> n = A,T,C or G

<400> 2313  
 gattggcgcg tgcctagacc gaagccatac tcaagcaaaa aggcgaaggc ccctggaggg 60  
 gaacgccgac catcatgata cccaatgcat ccataccacg actaccgata ccaagaacaa 120  
 cgtacatact taccctagcg ctgagtttat tactctgtgc ttttggaat gccgatgcat 180  
 cagagctgnt gcacgactct atattcgaca ccgaagcact tgctgagcga agcgatgcat 240  
 ccattctcat atacgaacct gacttcggcg tattcgatcg nagnatactc ggtcgngcaa 300  
 caagcagaac agtcgctttt gacaacaacg gcccggatag ncgaaaattg agtcccggcg 360  
 caactgnttg ntacgcgggg ataagaagac attggtcggc aaggataaga agggcgacga 420  
 tcccatgaac cgaggagcac cgaggacgat ctgggcatca aaaacctggc gagctgggct 480  
 aaaacgggta catatctgna aaaccngntc gagggccacg ctggaatcaa gggtanggca 540  
 caatctggaa caggacncaa cta 563

<210> 2314  
 <211> 608  
 <212> DNA  
 <213> Fusarium venenatum

<400> 2314  
 cgcattgact gagtetaaca cagctcgtgt ctagtaaacac atttgtatcc ttattggcgc 60  
 gaaacgaact cgaacatcag tcgcattgca tcgcattcgtg tcacgtaccc atacgactta 120  
 cgtatccatca tggccgaagc tctgagggag ttgctggccc ctgaacagac aaacgaccca 180  
 gctgctctgg agtatctcac ataccttgcc gagcgacaat ccagcttttt gcaacaacag 240  
 gagccccaaag tccatcccc gaactcgcat tctctactcc tcgctataca agctctttcg 300  
 aaaagatctc ataaacccat cgtcgattca gcagccagtc atgcttctct aaggaactct 360  
 ctcccgaagc tagccacagc agcttccgat ctctgccaag cagtacctcg tctagatgct 420  
 caggctgaac acttctcgtc agcttttggg aaggctagcg acagcaagct gcttgcccga 480  
 aggaaacaga ctctgctatt gcttcgaaac tccgaacgac tagtcgatgt catgggagat 540  
 gccctgctt ctctcgtctg ctgggtttcaa ccggccccag tcaatcatte caccacgctc 600  
 gaactcta 608

<210> 2315  
 <211> 812  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(812)  
 <223> n = A,T,C or G

<400> 2315  
 ccccgcttgg tcaacctgca ggctgggtccc cgaagaatta caaatctctc agtcaacgctc 60  
 acacgatacg ccaatgggac aacgctacat gtcgataatg tcccgaaccg ccgagtatct 120  
 ccaattgacg gatgcttttg gtttcattggc ttgtcaagca ctctcatgata tcgtcaaggg 180  
 cctcttaggt atgttgggtt ttgggttaagc tctactctgg tcccgtaaac gnataacata 240  
 cctatccagg cattgtaaac aaatactgtc tegtacagtc gtactcgaat atgcagctcc 300  
 agttctaaaa gacaacacac ccttaagttg aagatctttg ccaacgctcat ccaatcaccg 360  
 ccccaacaaac aaaggctttc cctgttcacg ataccgncac ccttaacatt tgctaacagg 420  
 agttcgggac ttgcctttac cccgctacga cccctcatag agctttcgag agctccttat 480  
 aagttttaaa aagcccgctc tctcccagac ttgaaagngg tqttagtcca nacattcact 540  
 ggcgactttg aacaatacac cagcctacca ctntatattc caaatctttc acaatgcttt 600  
 ttttcgggac atgcttttga aaagccgtca cctacaaggt cgacgaagag cctctcggtg 660  
 gtggcttaca accactgtgg acaactgcca gcgtcagaag cggttccacc tactctctcg 720  
 ttgctgntgc aagaaggaca agctcaccat caacggcccc gtnaagacct actccggcac 780

caagggcctnt tntggcaaca tcgccaccgt ct

812

<210> 2316

<211> 619

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(619)

<223> n = A,T,C or G

<400> 2316

attaacttct	tttcaatata	acgcgccata	tcacatcttt	ttcatacagag	catcacatca	60
cgacgatgtt	agagactgat	atagtcgtca	cttganaaca	cactgctatc	atgatgccat	120
gaqcgaaatca	nacaagcccc	aaattttacc	tcgatattgt	tttcaccttg	cacccactgt	180
gaatcaatgg	tgccttttcc	gtgtgaccga	tgtccacggg	cttcagcagc	acgcaggctt	240
cgaaggcgaa	aaotttttact	tttatgggaa	tctaccaatt	aaatgggtac	gcgtagtctg	300
cttagtcgtc	gccattgaag	agttcacggg	taggcgcgtc	tatactatan	acgacagcag	360
cggcgcgatgt	atcgagtga	ttgtgaanat	gcctatatct	tcgggagtgg	atggcaacgc	420
ggctgcagca	acanatgctg	ctntgaanaa	agcanacgca	aatccgccac	tacccaccga	480
tcccttcccg	accatttgat	gtcgggggtg	gttggccaca	tcaanggggg	tctttccagc	540
tttanaaaat	gagccgaacg	ctcctnttca	aaaaanatgt	tgctgtacgg	aacactcaac	600
aagaaggtgc	cctntggga					619

<210> 2317

<211> 626

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(626)

<223> n = A,T,C or G

<400> 2317

ggaaattgta	gactatcgtc	ttggagataa	gctctatttg	tctaaaaaaaa	gaaaatgttc	60
ttacgtcaaa	tctctggata	atggatcttc	ctcagctcaa	tgcaaaggca	gcaccgatcc	120
gattttccgga	ttgtttgtct	gctatatcaa	caaaattact	tcagctctta	tcagatatct	180
tttccaaaac	tacagtctca	naagaccatc	caaccgtcct	ctccatcgga	agcggctctg	240
gcttgtctga	agcttttctg	ctcaatcaac	aagatagcgc	ccactacaac	tatccttctt	300
tcaacgtggg	gggggttgaa	gttcagcaac	agaatgggaa	agacgctgtc	aacaaatata	360
ttccanaaca	agccatttat	acggttcgtg	gtagctggga	cgttgtctcg	aggttacaag	420
atccagacgt	tacatctctc	ttgtttgttt	atccacgtca	accagcccta	attctttgaa	480
tacacgaaag	ccatcgcgcg	aagagggctg	aaccgtgcna	ggttatcggt	tgggtggggc	540
caatggcttg	actggggangt	gttccaagtc	ttcttttgat	gcnagggcat	gaaaatgggc	600
caattttgca	tcccttgaaa	aaaagc				626

<210> 2318

<211> 506

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(506)

<223> n = A,T,C or G

<400> 2318

caatcttctc	cgggaagattc	aaagacgttg	gagaatatta	cagaaacatc	caagccgcgc	60
------------	-------------	------------	------------	------------	------------	----

gatagtagacag	gggaaagata	gagaacttga	ccacatagac	gcgtttgtcg	atcaatcgtc	120
gcgcggctat	tatttacata	tctcataagg	acagcccgc	aactaagtga	gtataattgc	180
tttttgcggc	tcagggggag	ttattttatt	gggcagctgg	attgagagcg	gttcattccga	240
acaaatcgca	tttgtcacgc	gctatcaatg	cgattggctc	caagtatctg	tatatttctg	300
aaacacatct	ctatggttct	tgcatacaca	ttatacatat	ggtaccgggc	aacattggac	360
acgggtaagg	atatgaagaa	aacctggggc	ttggaggaaa	acggatttct	taaaatgtta	420
tttcttgtca	aaggattggg	antggttggg	ggaatacatt	aacantgaca	gaccggggcca	480
gccacggttg	ctacttgcag	gcanat				506

<210> 2319

<211> 497

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(497)

<223> n = A,T,C or G

<400> 2319

tttttttttt	ttctatcaca	atggcattgc	atatttttacc	ctttctcata	tttgttatcc	60
cctacagtat	cttagcgctc	gtgtccgtgg	cattgactgc	atcaggacac	gaatgtcggt	120
ccgcgatct	tggctcatga	tttattatac	aaaagacgct	cccaacgccc	cttggtccca	180
gtatgtagtc	taaaattcag	taactccag	tgcagtcggt	attcgccgct	tcagcaaacc	240
gatagcactc	agtgtttgtc	gagaagagct	tggcgtgcct	ntgaaggagg	agctttaccc	300
tgaggagaag	taaatgggtc	catagtctca	atattttgag	ccttgtgtat	actggatggt	360
ggccgagacg	gaagggaatc	agaccaagag	gtagaccccg	gaagtttgat	tgccggcagcc	420
ccaaatcgat	tgggttttagt	cccacgcgaa	aaaacaattt	ctgccttatg	ttgattccca	480
aagtcgaaat	gctttgt					497

<210> 2320

<211> 621

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(621)

<223> n = A,T,C or G

<400> 2320

tatcgccggg	cactcgccct	cacttcccan	aaacaccttc	accggctctg	gtgctgaaca	60
agaagctctac	ggaagtaaat	tngggggtca	ttccccttca	ctttcacttc	caagaggctc	120
tttcaactqgt	tccgggtgccg	aacaanatat	ctatggcggn	aaattcgctg	gtcgctcgcc	180
accactttca	cttccctanag	actctttcaa	tggatctggc	gccgaacagg	alalctttgg	240
ctctcacttc	aatcgcacct	cataccaagg	tctcaccacc	agcactttgg	gcttgatgca	300
ctctgtcggt	ctaccttccct	ttactcttca	tgctgggtctt	tctgccgtag	cctatggaat	360
ttcccagatac	accgatcggtg	tcgagggcaa	ggattttctg	tgggcactctg	gtatgacact	420
gaatgcttgg	tggagcgcta	ttggttctcg	cgttgcaatg	atggtctctc	gatctctgag	480
gcctgggtga	tctcatctac	ccgcaaaaaac	ttcttnttnt	tgggtgctaca	gcttggggggg	540
ccggttaactt	ctcggtgtgtc	tcccgaantt	gaaaggtgga	gandaataacc	ctcggntntgc	600
tttgaaaaaaa	aggatccctgg	t				621

<210> 2321

<211> 616

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(616)

<223> n = A,T,C or G

<400> 2321

gacgaaacca	ggcggacagc	gcaggtatag	gtgcagaccc	ccctataccg	caaagggtcgt	60
gatcatcgca	ttctgcccgc	gattcgcaaa	cttttggtta	tcgttgacag	ccttgcatcg	120
aagcccgccc	acctgttctg	ttcatcgctc	cacatcagcc	cacgggtcga	tcacaagaga	180
accaccagtc	gctcagcttt	atcgaccgac	cgccctgtcc	tgacctttct	tcctgtccag	240
gaccttggtc	aattgctgca	ctcgatttcc	catttgccctc	taggggtgtcc	tgttcgggac	300
caccttaaaa	accgtcgaa	aaggnggatt	ccgcccaana	aatcgtggca	tctcccgggc	360
cttacaaaac	gtcacgttct	acctnaacgg	ggcgctggct	aacctctnat	ctgctttcaa	420
gattcggggc	aatacatatt	aaacactctt	ggggccctcc	acctngttt	atagcancct	480
cgcttggtnt	atcgccgtcc	cctaaaatgt	cgcgaaaacng	gtgggtctatt	ggccgcnaac	540
anattcgctt	anaagtttta	tgccccagng	gngtccccnt	ttcaccgaen	acaatttaag	600
ctacttacct	nccaaa					616

<210> 2322

<211> 232

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(232)

<223> n = A,T,C or G

<400> 2322

natacccaga	aacctaacng	ttgngccnac	aacctgcntn	actgggtcaa	ggcggcgaa	60
tgcctttgag	gntatgctca	cgntgatgtt	ttggctgttn	agaacaacac	atcaccnna	120
cctgggtaga	ctataaaact	gctatctcaa	gtggcctcgn	acgttcgcga	tgangaaccc	180
gegagttgnc	gctataccac	aatgcctnca	acagatttct	tttgtttttt	ca	232

<210> 2323

<211> 591

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(591)

<223> n = A,T,C or G

<400> 2323

atctaatttg	cgtctacatc	cctctaattc	cacatcatgc	ccgctcaata	cccgcggcct	60
ccccagcgcg	aatcatgggt	tgcgcgcgta	tccattgacc	tcgtctcaca	ggctctcaac	120
aaaactcttc	tgcacctttt	tgtctgctgg	attattccac	tgtgcttcgg	cgcgcagacg	180
gtgaagtggg	aggccccgcc	tatgggtggc	gccattgcgt	gggctaccat	aatcacgctt	240
ttctggatgg	ccaatgtgat	caaccagcgc	atcgctcatg	gcattcccac	tgaagtggat	300
ctgagcgagg	aggttatcgt	catcactgga	gggtgtagcg	ggctgggtct	gctcattgct	360
gaggtgtatg	gcattgcgaag	cgcgacagtg	gcgggtgttg	actgaatgag	atggaaaaac	420
aggaggtcca	gaagtggtac	gtaactacaag	tgtgatttgg	tgacaaagac	aaatcccaaa	480
ttgctcccaa	atcnanaaga	tcttggtacc	caccgtaatt	attaacaacc	tgtatttgtt	540
attggcaaan	tctctttgat	ctctccatgg	acaaaatcna	canattctcn	c	591

<210> 2324

<211> 459

<212> DNA

<213> *Fusarium venenatum*

<220>



<221> misc\_feature  
 <222> (1)...(459)  
 <223> n = A,T,C or G

<400> 2324  
 cgacaaagct ggtagcttcc ggtggaagca tggatgcatg ggcttttgat gcctagatgc 60  
 aaacaatgca aatgactaag anaaattgta cttaaagctca aatgttaatt aaaatttata 120  
 taggattgaa tcgcggaacct tgaaaagcca ttcccttcac ctacacaact ctcagcaaat 180  
 tgcattgttg acaattacgc gacacgcttc aagctaaggc catgcccaac atggganaaa 240  
 ctctttccca caacatctcc tcgacaattg ccatgccggg cgttgaatca gaagactcct 300  
 agccaaggac cacaggacca tatcgcnngc cacaggnnga taacaaccaa actactgctc 360  
 ccccgccagc ttcaatcgcc ggttcgcttg ccggtgaacc actcttctca gtccatngaa 420  
 aaacngnaaa tgcncngaatt tcccgggtga aatngattt 459

<210> 2325  
 <211> 112  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(112)  
 <223> n = A,T,C or G

<400> 2325  
 ntatgggagg atttttatatt attttacgtc cnngaggaca ataacncgga ttttgntgnc 60  
 ttcttaaaat tnaatcgctn aagcctggna ntggaaaaaa acganggttt ga 112

<210> 2326  
 <211> 556  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(556)  
 <223> n = A,T,C or G

<400> 2326  
 aggtacagtt gatcaactcg aagttgtttc cgccatgctg gccgatacca acctanaana 60  
 aaatgcncta tcaaagaaaa agaanaagan ggggcanccc atggaaacac atgcatctan 120  
 anaaatgtca atcacagcgg cttgggcctt tggccagnat atcccagngg ttcgactgga 180  
 tttgggcttg cccactgtta ccgaggagga gtacgatggc cctgaggatc atattgctct 240  
 gcccctctct gccatggagc gggtagatga gtatggcgac gaggcgcata ttgtgggtgac 300  
 gacgaggaga cgtcgcgag ctcaaggggg cagtcaaggc gaggatggct tntttgagga 360  
 tgattgcnaa gttctcgatt ttgcaaatca aagggtgtaa gtgaaatgaa ggagtcttct 420  
 ntcaacagggc aatatgtgca ggggttttgn gngtatgga ttggngaact ttacttnatt 480  
 ntatggattt gangetcggg aacaacaatc catttggtat gctnttcaaa tatggaacca 540  
 aattncacct tgtcct 556

<210> 2327  
 <211> 645  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(645)  
 <223> n = A,T,C or G

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<400> 2327
cttaagatgg aagccacaga aaccgatcga accatgcccc tgaagccaaa acatatgggc      60
aatgacacgc atccgcccac taagcgacgt gtccctgacc ctgccagaag agagcagaac      120
cgactggccc aaaaggcata cagagaacgc caaaagggaag agagaaatat caaaaagag      180
gtcattgtct gagcaagaag taataaccgg ccaagaccac ttctgaagcg acgagtcctt      240
tgctccaaag accaacaact tattcccttc aacgatacct catcatcgga tgaaacagac      300
tctgatatat catcaagctt tcccgatgtc tatgtcaaca tgcttcagtt cttcccaaca      360
gccttctttg gatcttgcc tgcgaatgca gaatcactgg gcttcgatct caaccttgtc      420
gcgactgna ccgcataata tttctccccg tttcatcaac ccaacctctt cttcattgnc      480
gattactcaa ccttggtca aaaanggtca gactttctnt tcacctttgn caattctagn      540
ggtcctattc atttacgaac tacaatggng caagngtcga attccacaat atatnaactt      600
taaatttaat ccttttcccc ttctggggcg aacaaacctt atttt      645

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<210> 2328

<211> 580

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(580)

<223> n = A,T,C or G

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<400> 2328
tggagcgtga tgctggcatg gcaagatacg aaaagaagaa ccccatctt tggatcttta      60
tgctcttggg tcagattgta gctatttctt ttgtgcgaa tctgtcttct ctggcattcc      120
ttgttttctga ggatccggat acgtcaatcg ataccgttaa tcaggagaag accgtatcat      180
cactctcaac caagagccac tcaactgtac gcaaatcatg gtttgcagtc ctagtattta      240
caatgggctg cgcgctcgcc atcccaagca aactcgatca tcccaagtct atgtatcttc      300
tctctgcccc tcacgctctg gcctttgtac cactactcat gaacaaactc attggcagtc      360
gggagcgcgt agtgatggat gaacaaccac cgcaaaaggt tcgggctggc gtcagggccc      420
ttgttgctgg antctgcatt tatcaattac tcagtcacgc ancaagctgc tggggaattg      480
ccacnaaagc tetgtntgan catccacagt aancagtggt ngggtgggan gtcatttgct      540
gttggtattan tttctttgct tgggttttatg ttcaatgggc      580

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<210> 2329

<211> 659

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(659)

<223> n = A,T,C or G

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<400> 2329
ttanttaacta ggtttottaac aagcacagtt gttattctgc atttcaacgc agagatagtt      60
tgataccgca attatacata ttacattata acggaatgca aagggtcatg gccaacgttg      120
aactagcacc ttatcggcga attgtgcaaa tattctggga ccagagccc accaacgatg      180
ttgtttcaaca ccaaccagtc tgggtgtttgg gacgtctcta tgggtcctac ggcaagaaga      240
atatacaaggc cgatgacacac catccacaga caactccacc agtactgaag gctgaagcag      300
aatcccaaca agctcaagat acaagctcaa cggccaaaac cgcacaacaaa tgcacccgac      360
aacctcccg agtcgatata gagtagcttc tctttatcac tggcatacga cgacccagtg      420
gacgacgggg gatgggcaac tgggtttata agcgatttgc aatccaagat atggatgaag      480
taacgatccg agttcgagcc catlccccga tccaccaacc acaagcaaca tncgnacttt      540
cattguncat gagactcaag agtcaacttc gggggaacaa aagtcatttt tcttcggaca      600
aynggggttg gggatngatg attcgtttaa ggacaaagtt ggggtgcgaaa tgcataaac      659

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<210> 2330

<211> 593

<212> DNA  
<213> *Fusarium venenatum*

<220>  
<221> misc\_feature  
<222> (1)...(593)  
<223> n = A,T,C or G

<400> 2330  
atcttggcgg ttgtgtcccc gttggaggac aaggtgcaga tggagttcaa ggggtgggtc 60  
cgaaagtatc tcgcagaaca tgttgtcgtg agacaggaaa agtctgtgga tatcctacag 120  
gctatcctga tataccttgg gtggaacgac ttccacttct acggagagct ccaagttacg 180  
aacatcgctc agatggccat cgggctgggt atcgatctaa gactggacaa gttcgctggg 240  
tcatttctgg gcgggccaaa gactatgctc ggagacgcat ggacgacaat gggcagatct 300  
tgcttgaaag ggaaagtcta ccagtcacat gccgataaac gtgctgtatt ggggtgtctac 360  
cacatcacaa atttactcaa ctcaaacttc agaaagagca cgctcttgaa ctggagtaca 420  
caactatccc aatgctgtga cagtcttggt gagggcaacg aqttcgagtc ggatgcatat 480  
cttgtttcgc tagttcgcat gcaacacatg gccgatcgtg ggtatagtat tataccagct 540  
ttcgatttta tggatcccac ccnagaactt tcaacgctgt gacagcgatg gct 593

<210> 2331  
<211> 477  
<212> DNA  
<213> *Fusarium venenatum*

<220>  
<221> misc\_feature  
<222> (1)...(477)  
<223> n = A,T,C or G

<400> 2331  
cgctcccgga cagcacgcct atttgtacct gccgcgcgtc agctactggc aatctcatcc 60  
cttctctgtc gcctggtagc atggcgtaga ggaccccaag aatgagagat tggccagcac 120  
caaccaggat ctgttggcca tgcagcagca gcgaatttca ttctgcatcc gaggcaggac 180  
tggcatgact gacagtctct acaagaaggc cgtttcagca cctggaggaa ggtttgagac 240  
cagntgnttt gccgaggagc cctatggggg caccactctt tgactnatac ggcactgttg 300  
ttcttttggg gngggagtgng gatacccacc cgtttnnttac ataaagnttt tgtggnggct 360  
nctccaaggt cttgtgccnc ccnaaaattt tgtggtttgg anaataaaat tctgaccctt 420  
gyyggngntcc ccntggang accnaatttt nggntggaaa aaaaaaaaaa ttttttt 477

<210> 2332  
<211> 595  
<212> DNA  
<213> *Fusarium venenatum*

<220>  
<221> misc\_feature  
<222> (1)...(595)  
<223> n = A,T,C or G

<400> 2332  
ctttttcaga aacgcgcaga gattactgga tggcgaccaa tggaggttct gallgatgag 60  
gggtcactaa tctttgtaaa gactccgtaa acaattcctc atctcgatct cgcccatgat 120  
gtaatcgacc tatgaaggca tactattcca ccttcgagct caacttgcaa tcattctgtg 180  
tcogtgattt cttatatcta gtaaacatct gattctttct ctttctcttc tataatcctc 240  
tgagacaatt caaccacaaa ctccacaccc ttccaccacc aaaacaaaca cacaacgac 300  
atcatgcttg agggaggtca atctcctgnt ccgagcaac agagcggtcg ccagcagcag 360  
gactcctctg cctctggaaa gggtatcaac gagaccgata acaaggaccc caaggctcag 420  
cttgagaacc tctcatcaaa ccccaagggt atcaccgacg atgaggtcga gaagaagttc 480  
accaagaccg agaaataaat aaataataac ccgattgga atgacttgat ggaattattg 540

catggataga attaattaat cncgaactgaa atatcttgna actgncaaaa aaaaa

595

<210> 2333

<211> 1172

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(1172)

<223> n = A,T,C or G

<400> 2333

gcagggcgaa	ttcggaaagt	ccatcggtgg	cctaaagggc	ttctgcgtcc	tcaacagctc	60
gtttaacgcc	tttgatctac	tctacagacc	ttctgtagat	ttacaaaacc	tggttttgat	120
acagattgat	caagcgttga	agaagtgcaa	tctgtcttgc	ccatcctctc	tgatagagac	180
gcttccatta	gagttgatga	gcagcatcta	tctgcacttt	cagccaactg	atcacatcgc	240
ccttgggctt	tgtctctgaa	gaatatggat	ccaagcgggtg	actactattc	accactctcg	300
ccgtttatca	tcattgggtg	atacacggat	gttcattggg	ggtagtggac	agttgcttgc	360
tcttcggcag	gccagccacg	accaggaact	tgaacttcaa	tcacctcaaa	agggaaaccg	420
agatgcagtt	ctcgaggcaa	tgattctgca	gaacactcaa	ctgtttgacg	tgctgaagta	480
tgcgagnat	tcagaatttg	ttacacgact	atgtcacctg	acttctctcg	acttgaatcc	540
tccatacttt	cgagaactag	tccggctctt	accgtcgaact	ggttatttctg	gaaaatcttc	600
accattgat	ggagtctgtc	ttattccccg	gggaatttga	cgacaaaagg	cagtgggtacc	660
ttcgcgattt	caccactaac	gaatacatcc	gaatgggaact	tgttcaagat	cataccatct	720
ctgagcatga	tacgatctcg	ctaactagaa	acccttggtg	gacctagat	atcttactga	780
tatggcttat	tacatggcaa	gcgggatatg	acaaaccatc	aaaagaagtc	cctagaggga	840
acccaagaga	ccaaatcaag	aagatcttta	ccaacgggtg	cagcgttacc	gcctccgata	900
ttgtctcagat	ccgtctaat	ttcatggaca	tgtactttgg	tcgatgggca	ggccattctt	960
tagatgttgt	acagctgggtg	cagagcaaga	tggaaagcgg	ctggactgat	ataacgggtg	1020
agattcanga	tgtctccaac	actggtttgc	tgcgatatac	cttgaagcat	ttctacttaa	1080
aagaaaacgaa	atatcttgag	tactgggggg	cgttttgcaa	aaagancaga	tcaacaagtn	1140
tgatcacaag	cctgggtggct	ggtgatgaat	ga			1172

<210> 2334

<211> 288

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(288)

<223> n = A,T,C or G

<400> 2334

ctggaanaat	tgcgggccgc	nggtagaaaag	agaaaagcan	gagggacggg	catgaacgat	60
aggttgaaat	gaggaaaatt	tgtctattca	aaacgaggca	ttcattgcct	ttccaggtct	120
tgccagcaag	tcttaccagc	acaatggcga	ggccacgagt	gggcaggaaa	tcggagcgtg	180
tgtgattatg	aattgaccaa	ggatcttttg	acttgtacat	aataatacgg	agtgtcagtn	240
tcatatgctg	tanttaatga	gaaatgaana	cttgccccct	attaaaaa		288

<210> 2335

<211> 141

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(141)

<223> n = A,T,C or G

<400> 2335  
agcttctctt cttgagcgac gcggttgtaa gttngaaagt ttctctctac gacaacacaa 60  
gagccactac aagaaaggaa gagtgggtcg tctgtacaag tgggtagagt gagcggaagt 120  
tcagaataga caagataaat c 141

<210> 2336  
<211> 448  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(448)  
<223> n = A,T,C or G

<400> 2336  
ccaaacttta aacacgcato agtcttltca tcataccact caacgcctca aagatcgacg 60  
ctactacaag atcaacatcg tcaactggta catltattgg ataaacccaa ttccaaccaa 120  
caatacctac tagtcattca gcattctagc agctcttcat aaacttgatt taagatctct 180  
gcaacgccaa catcagctac caacctactc tcaaacataa tctacttnta tcaccaacca 240  
accaaccaac cactttctac nctttgatac caacaatcaa tcaatcaatg ngggtgggtg 300  
agccaccaca acaacaccac aacnagacct ccagaaaggg ttcttgacct tcaagcgaga 360  
tccgctaaaa ttacgacaac ttctatacag nccctaanaa gagnggcgtc ctgtctgana 420  
aaagtcacgc tttttctcgn gccacata 448

<210> 2337  
<211> 550  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(550)  
<223> n = A,T,C or G

<400> 2337  
gcgtnattgn cccacctcaa cgcaatcgct tnanggccct ccgattctct tcggnttctg 60  
cacctctccg gcaggagctt ggccatggcg aaccaagaga ctactatgg ctccgacgaa 120  
ggcggagatg acgaccagtc cattgtgtcg acgcgcggac tcgaggnttt cagtcgaaag 180  
gttacaacta cagctactna tttgatcggt cctaattgcc aagccacggn tcatcactac 240  
caagccgcca tggccgaggt tcacaagcaa atgaagcgac cgacgggtcca gcgaagcatg 300  
ttcgcgatgg caaggacaac cccacacagat ctcatgcgct ccaggctatc aacccacgaa 360  
attcagcato ggcgcttgac gtatctgcc gaccaccttn tcgcaatatt cccgancacn 420  
aaaaccgcta tttgttattt tanggctttc aggccagttt nccaaaactt gcccacaaaa 480  
gcaaaaaatt tcancgacn ggtgactnng gggcccaaaa tggtnngaan aattaaaaan 540  
gggcccngg 550

<210> 2338  
<211> 555  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(555)  
<223> n = A,T,C or G

<400> 2338  
caatccaata aataccatct tatcccttgc nttcaccact tngctcact acaaaccaca 60

ctcacactca	cactcaagtc	ttcgcatcca	gacttgcaat	accgtcaaaa	tgacttacac	120
aatgactgcc	cacctctgca	agcagctcta	cgcttnatgg	cgccagaccc	gacagccttc	180
tcccgaactg	gccctcccaa	accagactcc	ctcatctttg	atgcgccttg	cctctcgatc	240
tccttcacct	ccgcgccaac	gctntgagcg	acgtccatcg	aacgcttcag	actcggactg	300
ggccccgaac	agacgtcact	agacaacaaa	gactcgcgaa	taattgtttt	cttactcacg	360
acttatgaga	tgaagtcgac	tcattgcatt	tgggacacgg	tcacggnatn	tggcgcatat	420
aacttggtta	cacctgacgg	agttctccct	ttacaacata	cattgnctac	gactttntga	480
aagacgccgg	cacctacctt	ttgacgacgt	ttttcgaccc	cgaaattttt	accctgnaaa	540
ancccaacaa	aaaaa					555

<210> 2339

<211> 216

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(216)

<223> n = A,T,C or G

<400> 2339

tctcacagaa	gaagcaatca	aacaccgcct	ttattacgaa	aaaccctgtc	ctgtatgtgg	60
ntgagtcata	attgcgcgtg	agtactcgag	tttgattcat	aattgatcaa	acctgaaata	120
ccantaccca	acaagagtca	agaggaggaa	ttaggtttct	gtctnctgtg	gcancggtag	180
ggcgtttact	gtctgcatgg	attatttgcg	acagan			216

<210> 2340

<211> 129

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(129)

<223> n = A,T,C or G

<400> 2340

naaagctggc	cnatgaaacc	cctgattnng	cagntnccgg	tnttccgatt	ttgggnaaaa	60
agnggttggt	ttcaccccnc	gcgaaatgct	ttaaaaacnc	ctttancttg	tnttttnggg	120
aaattaaat						129

<210> 2341

<211> 483

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(483)

<223> n = A,T,C or G

<400> 2341

aaaccataac	catccatcaa	gatctaaact	tacagtgcct	ataagcgcaa	acactatacg	60
ctgatataat	ttgtggnttc	tgtgcccctn	catcattgcc	ccacgttcaa	ggttttttggc	120
caacgacaaac	ctcaaacaca	ggttcaatac	accaaacatc	acaaaaaatc	ccctccacaa	180
cgatcggaac	caattaatca	ggtcatcatg	gatccctcgc	ataacatggg	ccgggngccc	240
ccgtgcccac	gaactttgac	gcgcgagaa	gncacaaaaac	aacgaagaca	tcgagaagca	300
atttcgcttg	tcaagggtcg	tncancacat	gcanaacctta	cttggtncat	tcttcgagcg	360
gtgtcaaaagg	ggcttttccc	ttcgtctcna	ccaaagatcg	aacgacgaag	attatggggag	420
caacttaagg	anggcctttt	cccaggtttc	gaaccgcgcg	ccnaggtcaa	cgaggggacga	480

<210> 2342  
 <211> 136  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(136)  
 <223> n = A,T,C or G

<400> 2342	
nnaagcggcc anccaggcca acgcggggcca cgacgagngg accgagcacc agaagccnca	60
catcaccaag aacaacagga ccccnnggcga agnnggcgaac caggaaccnc ccggggcgan	120
aaaanacaga agcgac	136

<210> 2343  
 <211> 552  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(552)  
 <223> n = A,T,C or G

<400> 2343	
gcagtgtccc tgtacctgcg gggcgaaatca tcaaccttaa acccctcagc gactccagca	60
ccaacgctcg cgtgggggagc gcattttctcg aacgctgcaa tcccttttaga gatattccca	120
acgatgcgcg actcgaaaa accctctgcg aaattogeta catcgaccgt acctgcgcga	180
tttgatgggt ccaacctctt tgccggcgac gantataact ctgctccaaa ctgctgcgca	240
gttttgaaac gcgtcccaat tgacttggtg ggtcctccgc gagacggata ttaaggatac	300
agtcagcgct attgcgcgca gaagtggang aagactctat tctgatgan cctcatgac	360
tcataaggt caagntcttg aacgacttgg tcagcgctgg aaaatgcnc ccantctaga	420
aaatggancc caatacccc cacncaccgc cattgttaga anggcngaag atatgccna	480
ctgacaacaa caacccactg cgggaattgat tcgcgaatgg gcccgatcna anaaaaaggt	540
tcatactaaa at	552

<210> 2344  
 <211> 658  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(658)  
 <223> n = A,T,C or G

<400> 2344	
atgcgaagtc cgggttccgt ttttgggggtc tcttaccctt ttccctcttt atattttctt	60
gtcccccctca tagagcaggt ctcttatact tctaatcttt ttgtctctca atcccaagaa	120
atcacccgca ttaacaactct cgaaactcaa ttcaatcaag ttgctgggtca gcttagagac	180
aacatccctt ttaaagacat tttttgtttt ttgttatcca atcacgcccg ctataatagt	240
ctaattacag aaattcacgg atttcaactg ctgctgccaa ctatcaaatc aacattttgca	300
ctgtttttgag caccctctca cccaaacaac ttcatataaa ataataaggt caagtcagca	360
tgctgggtat tcaactttct ttctctctctc gggctctctc tggcgtaag actgttcaac	420
ttctgggtcc tgggacgggt atgcccggca gcttctctc tccaaggaca aagttctctt	480
caaagtcggg ctcttggaan ggcaccttct gattccagaa ctcaactctt gagngtggcc	540
aacgatactg gnaactactac atcatcgacg ggtaccacgg ttggccacaa ccccgagcgt	600

accttaactg gtgagnccac cancggccgt gagctgnaca atcttgacgt ccaccgnt

658

<210> 2345

<211> 555

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(555)

<223> n = A,T,C or G

<400> 2345

gtggcaccag	ccaaagcatt	actctctcct	tatcgcatcc	atcgagagac	aaggcttcac	60
cgtcatcgct	ccgacttttg	cctcggcagg	ttacgatgac	tcagtcgatg	gcaaggcctt	120
ggatgacgac	gttaaagcta	ttcaagatat	gattatgccg	tatatcgata	gcgggcggaa	180
qatcatcgca	gtgggacaca	gctatgggtg	tgtaccgcta	caqqtccgtg	tcaatggata	240
ctctcaggct	gagagagagc	agaaagggca	aaatgggtga	rrtgtgtcag	tgatatttat	300
cgcgccgact	tctgtgttac	agaaggatat	ctccatgtac	gactctgttg	gggggcaagt	360
atacgtcagc	ttggtttcat	gatgtatccg	aatacgcta	cctntgaaga	acgagaactt	420
atgggggctt	cttactgatg	tggacaagan	tgtcgccgat	gagataatcc	cacactttgn	480
catcaaagta	aaggcccttc	gaagtttccg	ttccttgacc	ccggcggact	gatcatccca	540
gatatggtgt	tgtca					555

<210> 2346

<211> 574

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(574)

<223> n = A,T,C or G

<400> 2346

ctcgacagct	acactatcag	aatatctttc	tttcaactcaa	cttctgacta	ctaaactgca	60
gcgagccgct	aatctccttg	actagecgtg	acacctatct	cctcttnaaa	cccgattacc	120
acgttgcccc	cttggtact	gccttgctc	atcagcccca	aatcaacggt	ctcagcaacg	180
ccaagaaggt	caaagaccan	tcactttct	aaaagtggag	acgtggacaa	aattccgctg	240
agctatcagc	ctttgnggag	acacattcgc	atcttcgcgt	ctacacacct	acaacattta	300
taaccacacc	catccatacc	tttactgtac	tcccacgccc	tgggcccgat	ctgatctagt	360
ggggcactgc	gtacaagctt	gagcttggtt	ctcagcaggc	ccttntttat	aaggacgctg	420
acgacctacc	aaggnaactg	atcatttacc	caaaattntt	ntttttttga	cctcctccgc	480
ccctgnqnqg	actgtcctat	ntttttctta	ccaataacaa	caacattacc	tnacatnaca	540
acaacgttac	acacctttac	aatggaaaacg	tacc			574

<210> 2347

<211> 549

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(549)

<223> n = A,T,C or G

<400> 2347

gggttagaagt	cctccgcgcg	gctgacgaca	gctggctcta	gcttagtgca	tcattgggaca	60
ctctctgtac	gcccgcacca	cttcttttcc	actacgatcc	cctgcaacac	agtgccacaa	120
gtgcgaacac	gggcgcctct	cgtaaagagg	ctgcagcagc	cgccgcctct	ctgattaatg	180



gcggctcaag	cacggagaaa	cctgagccga	gccctgagga	actgcgccga	catcgcttgc	240
gcgagcgga	ccagcgggtt	cgtgttgctc	tcagtgaaca	gagagtttgc	gatgaggata	300
cgttccgcgc	atctattgag	gctcaggaga	agcgtgcaga	gcangaaaga	ccgtgctgcc	360
gctgcgccac	gcctaattgt	gcattcaatg	ccgaacgacg	tccgagcgat	gggggtggtg	420
acncagcgaa	ttctaccctg	tgtncengag	ggccacataa	tgntnatggg	tttgcaaca	480
ccctggttca	agcccacaag	ngcaanaaag	acaacggnc	aaggaanana	gaacattggt	540
tactttgga						549

<210> 2348

<211> 631

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(631)

<223> n = A,T,C or G

<400> 2348						
catctttaat	caaagcaaca	agtcgcgtac	cgacaatggc	agccagacgt	tcacagttcg	60
tcgacaccac	agccacagag	gcacctgggc	tctactatca	ggacccaaga	tacatctacc	120
atgttcccca	gacttcgctc	cnaaacatgg	ccccgcgcgc	tattcgtatg	accgaagatt	180
actacaatca	gacgtatcct	cttccagcaa	ctcccccaac	cccttacatt	ttcaatgcat	240
gttgccgcgc	tcgtagccgc	agccgcgcgc	gtcgtgcctc	gcgccccctc	aacacctatg	300
atagcgatgg	ctcaacggat	ggctatccgt	catatggaga	tgcccagccg	acccagcang	360
gagtagatcg	ccttccgcct	ngaatecgtc	tgaaacaact	ctcagatttt	ctttacgcgg	420
ctgntatttt	ctacgataaa	cagctcaacg	aattcgctca	caagcattat	aatagcggct	480
atacttccaa	caaagctctt	cgccagttgc	tatggaagga	ctggatggcc	cgacgcgacg	540
atgtcacgct	cgaatntttt	acgtctacaa	agatcaaac	cacaacgctg	tttcccaggt	600
cgangcaact	gctgaaatgc	catggnntgg	a			631

<210> 2349

<211> 726

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(726)

<223> n = A,T,C or G

<400> 2349						
atagtattat	tgcccagagta	ctcactatcc	atntgtacta	caagagctct	gntcggaaac	60
ancagaactt	nttagaatat	tectatccta	gggtcaccag	agacatatag	gaccagcagn	120
tattgcaagt	ggttgttagg	tacctttttg	gttaccocaa	anacgccant	cccgaggggg	180
tttaggcoga	taggttgaaa	ggaagtntcg	agtttttacc	tnagttacct	tacttacccg	240
caaaattaac	ttcgaacaag	acacacgccc	ccaagtccac	taaagccaga	cgtcggaccg	300
gtccaaganc	ccaaagaccc	ctttttnttc	gtctaccccc	taategacaa	ttcctnagtg	360
gcgnagccac	tatgacancg	tactgacaca	ccccgtaggg	gtaagactca	anttagtctn	420
tgagcatttn	aactnaagct	cgatgataaa	acggggccgg	tcctttctct	tccttttctt	480
gattttcttg	ntnaacttca	tcggcattai	atltccccna	aatgggttct	ggtcnaaatt	540
netggcgaa	cgngcccagg	cnctgaaaa	cttttttttg	tttggaacna	atcaaggggg	600
acnaagtncc	aaaaaaatga	tnttggttcc	gggcacccga	naagaaaagn	naagccctng	660
gngtggcagt	cgtaaaaaag	ggttatgaanc	ttcgaaagac	cttgaattla	cnccaatccc	720
cccaat						726

<210> 2350

<211> 811

<212> DNA

<213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(811)  
 <223> n = A,T,C or G

<400> 2350  
 actcagctta tgacggccca tcacagacgt ggetatcggt atccccactg agaacttttaa 60  
 gaccgagaca gtgtcttcct ccattcttgaa tctctacttg gatctatctt tctgtcaaca 120  
 attacttggg aatagcctca gcacaaaatg gggtcccaaa tcgcagagcc agaagaaatt 180  
 accgtgcttg tcacgggctt tgggcccttt aggggaacaat atccccacaa cccttcgtgg 240  
 gagatcgcca acagtttgcc gtcacatctg ccaccattgc gtgccaaaga tcctaactcg 300  
 aggcacgcgg ctgctcttct accaaaacgta cgcattctca tacatccaga gcctatccga 360  
 gtcaactatc aagttgtgag aagcttgggt cgcattctca cgatacgctt cggccattcg 420  
 acgttggtat ccacattggc atggcgggtc cgcggccttc tacttcatcg agangagang 480  
 tcaccgtgac ggggtacaagc cccagacggt gatggcgaaa atattgactc ggacgaaaaa 540  
 tggtnaaaag gatgactggg gccttggcga nggataccag aagagataga aaccgactgn 600  
 attttgacag gttctttttt argnaagggc ccagttccaa gttgatganc tccgatatac 660  
 gaanagcagg naactactgg cantttatct actattcagt tggcaaaactg gggaacacaa 720  
 ccggcaaaaa ananggggtc ttctgtctcg gnaangcttt tottaagggg ganaagggag 780  
 gcttgcatcg aacctgaacc aaccatggcn a 811

<210> 2351  
 <211> 633  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(633)  
 <223> n = A,T,C or G

<400> 2351  
 tttgatttca gcaaaaaaag cccatcaatt gagcttcggt catggtagac gagaataacca 60  
 cgtcgaactc ttccggggaga cccgctgccg gtgtaagctc cggcttcagc gccccgccct 120  
 ccggtcatgg gcttcggcgt tccatgaccg tgtcagtcgc cgaggaagct gcactctgcat 180  
 ctgcagctca acccccggca tcgccagct tcgattcgat cccccctcgc cgcagttcaa 240  
 atttttccga gtacagcctc aatgaagctc gagatttctt aaacccccaa ccgcgagatc 300  
 ctagtaattg cgattctctt ttgacagagg aatcatcgtc ttaccgtcg ctgtcttttg 360  
 cttttgcttt cctaccagct atttctgggtc ttctctttaa gaatggcagt gcggctcgta 420  
 cagatttcat gctcctgggc ctggctgggt tttttctcaa ctggctccgta acgcagccat 480  
 ggacttggtg tcaactcagc cagcaagttc ggatacagca cgaagtggta acggncaatg 540  
 tcattgacga tgacagtgan cttggntcca gcaactcaag gtccgggggc caactcaact 600  
 cctgacatg ttccaaaaa atqaanaagt gca 633

<210> 2352  
 <211> 679  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(679)  
 <223> n = A,T,C or G

<400> 2352  
 aggcactgc ctgcgatgat tattctgrra gcttgcata tctaatagata gcagatactt 60  
 tcagcattct atcattaaat atcctttcaa tatcacaaca tcacaactca taccatggcg 120  
 aattcatcaa agactgtcgc gttcttcggt gccagtactg gcataggact atcagcactc 180  
 aaagaaacct tggctgctgg tcaccactgc atcgcttctg gccagatccc tgctaaactg 240

gaaaccctca	tgcgagaaca	tgccaatctc	cttgatgttg	ttgagggaaa	tgtttatgac	300
tccaaggccg	tgagcagctg	tttactcaac	aaggatggca	accttggtga	cgagatcctc	360
ttctcaatcg	gtgccaaacc	tgctctctgg	aaaatgactc	ttgatgaccc	caaagtctgc	420
caagtcggca	tgaatgttgt	tctcgaatgt	gtcgcgcaac	tcaaaaacaa	aggcgctaata	480
ggaaagccac	ttatcgttgc	cctcagcaca	actggcacgt	ctcgctttgg	ccgggattat	540
cccattggcct	tgttcttgat	atactgctac	gctttgaaag	taccncgaa	ggacaagatc	600
gccatgggaa	gaaaatttgg	ctnggaagtg	gcgaaaantt	ttgcattgtt	ngaaaccatt	660
tgtnngttta	acgggcaaa					679

<210> 2353

<211> 592

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(592)

<223> n = A,T,C or G

<400> 2353

gatggacaga	gagaacttcc	cggttacagc	agttctcaaa	tcctccaaga	aagcatccac	60
tctacgctca	aaatacctcg	gagagtcaga	cagcgaagac	taccgcgttg	aaagccaacg	120
aacctatc	actgaattcc	ttgaggctgt	tcacgacttt	atctcagaga	gctcctccgc	180
tatacctcct	cctccaccag	ccgacgatga	agagggcaga	gatgtcngca	acagcaacag	240
cagtttcgcc	aacctgaaa	caattgcttc	atctcctcac	tcagagacaa	acgaacctcc	300
catcccagac	tacaatgcc	tcggtataac	atccacaaca	cccttcgcac	ctctcttcgc	360
cacctcgcca	agaaagaact	ctccaaccat	gaagtattcg	aaacagccta	ctctcgcgcc	420
atggcgccctg	cacattcgcc	accagantct	cgagtcacca	cacgcttcta	cganatgaag	480
gtcatcaggt	tcattgectn	gaaacagcac	gggtgagcat	gatntctctc	naacggcgca	540
gtgngtctct	cancaaaaaa	atggaaggtt	tcacgcacca	cccaanggtt	na	592

<210> 2354

<211> 543

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(543)

<223> n = A,T,C or G

<400> 2354

ctcaacctca	caattcttct	cactcaacaa	cagccgcgcg	accgtcttgg	cttccacgcc	60
caccagcaaa	gcagagaatg	gctctatcat	tcaaaaacct	cgtgagctcc	gtgctagget	120
ccggaactgc	caaggacgac	aagccgccat	cggcatcgga	gctgttcggt	aagacagacc	180
ccaaggtaga	cggcgaggag	tgtctgcacg	attgcgacaa	ctgctcgccc	cggatatocaa	240
ggggcttttaa	gatcgaagag	gaggatgtgc	tgtatggtct	cgttgacagct	tggagtacgc	300
atgttcttgt	tgggacggga	aagacagatt	gggtgagggg	tgtggaaaaa	naaaaaggca	360
gtgtcatgca	actttttcca	aagcagttga	accttcnaat	ggaaaaactca	agctgtcgcc	420
atctaataatg	cccactccca	tgaccagatg	actactctga	accacnacac	ttctactctt	480
gagggcatte	aagctttttg	taattgggctn	ctttcagcgn	gcctaataat	tacagaggca	540
tta						543

<210> 2355

<211> 112

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(112)

<223> n = A,T,C or G

<400> 2355

```
ncatgccctg gntgncgatt ctacttatgc ggntagtact agganaatct tnaactgcac      60
cgactggnet tctganattn gggaatangg cttttgggaa aaccctattg gc      112
```

<210> 2356

<211> 748

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(748)

<223> n = A,T,C or G

<400> 2356

```
tttttttttt attttttcgt tgtgtttggt gctgtgcccg tcatatccca acatttagtt      60
aaacaacaaa atctccgtcg gtcacccatga tcatcacgcg cgcctctctc atcaccaact      120
ttgttgctcg cagctcagcg ctacagcttc aggtcggtgt gctgtaccca tggcacaagc      180
agctggatga cgatttcgaa gccctcaaga gagagcatct tcgcgtcctg accgcagtcg      240
agggcaagat cggtcgaaca caagaacctg cccttcttga agagaaccga ccgggcattc      300
tgagcatgat cggaaacttg gcgccatgga aagcctgagt gcagagccga cttcgagacc      360
gttaccacaa acacaacaca acaacaacct cgcataccca gccatcatgg natcgaaaaa      420
caaatatata tcagaaaaaa gaactaaacg attcaaaaat ctttttccga cgacgaatta      480
catgggtgttc catctgtttt gcctcaggcg ttctcgtttt ctggctttca cattcactcg      540
ggcataaagt gggggccggg tacgggtcac gcganaccgg nttnacccga cgaaagggat      600
ccgaccggnt gcgaattgat taatgggtcat cagttaggta tcggcacngg atatatttcg      660
catattgtta tgttttagatc attcatatcc atcgtgtttt agtttgcggt actgttacta      720
ctaaataaaa tatttacaag ctctcgtc      748
```

<210> 2357

<211> 556

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(556)

<223> n = A,T,C or G

<400> 2357

```
cgtcctcac atacttatta aaagggtcag ggtcctaaga actgaacatc tttttcctaa      60
aacctgggaa acgaatccgc caaatccgpc taagcaaaga agaagttcac actaatccac      120
gggaagggaa tggccnatgt ttcagtactt taaagaaaaa aagaaaaacg atcaaactac      180
cgtccatgat gggactcttc aatgagaaac ctcccgtcac ttcaccaa atctctccct      240
gccacggtac cactgtacgg ggttataant ctcgttgttt tgtccaatgc caccagata      300
tcccacgtcg tcgagaactc ctgctccgta ttctcaatat gatcccgna ctgaaagaca      360
tcaccatcga tnaactcgtc agggccccca anaagatact tgtgttncca aagatccata      420
cncgatcccc cncnttgggt tagcatncaa gaaaacgcca aaatccacty ctgaagatcc      480
atttgttcta acctccggtc ggganngata tactgaaccc ctgaaccttc cnetgttttg      540
atgccaaacat gatttc      556
```

<210> 2358

<211> 160

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature  
 <222> (1)...(160)  
 <223> n = A,T,C or G

<400> 2358  
 ngacagctac agaanttaga cttgatgcga nngttacaag naaccntgac gggctnagac 60  
 cagcaggctc gaggtagaag aacntggcac catntacant gcaatagncc atnatcaagg 120  
 acaaggaggg tantcctcgg accaacanaa agtgaacttc 160

<210> 2359  
 <211> 575  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(575)  
 <223> n = A,T,C or G

<400> 2359  
 gccgcaggaa attttttttt tttttttttt tttttgaacc caaatcgaga ctgtattgaa 60  
 aatgagattg tatgtagtcg cttctaatac cgaaatatga acccatcttg taacgcccta 120  
 ccactattta cgttctaagc ctgccttctt ccactgtacg ctataagaaa cccaagcatg 180  
 aanagtgcga atacatagtg caccatccaa tagtgagaga atttcataac ttgagaccaa 240  
 gacaaatcgc tcgaaaaaca ccgataccgc cgaataagga aaatctaaca aaaagaaaag 300  
 aaacgctgtt gcgggatagc ccgtctgccc gctattcctt gggatacaac tcggtgggta 360  
 ccttgctcct cgggcccccg ccactcgagc tacttcctat gatcgctcga tcgtcaccat 420  
 cgcgcctcagg gtcgtattcc ccaaaatctc tgggtgctggg ttggcgaaaa gggttcccaa 480  
 aacgcgcggt agcttatcga cctcattatc cgactcggta tctgtctcgt gctctgaatc 540  
 gaacagtcta cgcgcgctgt ctcacccctg ctgtc 575

<210> 2360  
 <211> 459  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(459)  
 <223> n = A,T,C or G

<400> 2360  
 acctccaatt ttccggagga acagcgtgcg gacacagcat gtgctttaca agattgggca 60  
 gatcttttaa caccgacgat acggctggyt cgggtgctgt aacggttgga cgcgaccagg 120  
 tacgcgacgt ttacccatgc cacatactgt ggctattgac gagacgctgg acgataacag 180  
 cgatacagaa ctgcccaccc ggcttngacc ccgcaacaag accttctaca cgtgcttacg 240  
 cacaacaggg ccggaacgcc atgttgctgc cgaggataat atcgtgttga ttgaggatnc 300  
 gagcgagatt ccagattctn tgttcggcag gctgggaaat tttcaagcga tttgatgcc 360  
 gagacatgca caattcgtgt ncaacattaa ggaacaatac cccgacgact agaaggacgn 420  
 acctttttac gctttcaaan ctttcctqat gccgtgggt 459

<210> 2361  
 <211> 671  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(671)  
 <223> n = A,T,C or G

```

<400> 2361
ctgggntttac actaaatcaa agggacttac tctgggtcgca taaacgaact acaatcacgg 60
cgggacgaaa tagancattg gcaaaaagac caatcatcgc atctgggttta agtatcaccg 120
catcgcacgc caactacaat cgaattgaca ctctgtctcaa catctaatca ccaacaaacc 180
gaccactctt tgcgcaactc gaagaaccct ttgtcgccac catgacagac acaagtgcga 240
agcaatgggc caagggctta tctacttgat cctttaaacg aacctgaacc aaaccaagac 300
accggtatcg gcaacctttc agctcaattc cgcagttatt ctctagaaaag ctctagctca 360
acttcaagca aaggtcgttc cgagagcaaa aacaagcatc gatcaagccg taaacatcac 420
gggaagggtta tcttacccca cccacttctg ccagtcacaac tcgcgacagc tttcactatt 480
caaaccatt ctcagacgct tgcaagcttc gcgacgggaa tcatctgtcc cttcaagtct 540
caaattctnt tcaccaaact tttcttctgg cccaaggtaa taaccattc actatttttt 600
tgggcaaccc ggtcancecn gcgcccaggt ttcttgcnat tgnaagcccg ancttaagtn 660
caacacaacc g
671

```

<210> 2362

<211> 637

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1) ... (637)

<223> n = A,T,C or G

<400> 2362

```

atgacatgct acatgactgg tagaaacgtg ggtggaaaaga agagcaagga gcccgatata 60
accgtggcct ttttccgagc caagcacgac tcgatattga ccatttacga acctaatatg 120
gcccgggttg agattgagga ccgaagaggt cttgaaatca ctcttctaata gattgcagaa 180
accataaaaag atctctatat gaacccaagc caggatcctt tcaacatcct tacctcatcg 240
aatggccgac gtcgccagaa ttctgtcca gcagcaaaact cttccaccgg accaacaatg 300
gctggagcct tgaacaacaa tcggccatna tcacctnctc gcgcccagcc cgcgcagcaa 360
accccaaaca acgatgctca acgccaggcc ggggttgaag ccganacaaa acggttacaa 420
gccatggtag cggaggagga gcgtganaaa ctggagcgtg agaaggaaga agaggaagag 480
ccccagagga tccagaggat gctggaaaact gangaacaan aacgtcggaa gcgggganggc 540
cgaggttgat caaganacgg anccctacnt cnagagtttg gcatgggccc gccaaaattt 600
cnacaacca acaggcgcag gncanccatc ancaccg
637

```

<210> 2363

<211> 345

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1) ... (345)

<223> n = A,T,C or G

<400> 2363

```

actttttgag accaactggc agcctcgaac aacaatatga cagggtgttt gatcgacagg 60
ggaacttgta gttgtttcgc cttgggcttt ccgcgcgcag gaggtataga gatcttgcac 120
gatgttggtt aatgctgtgc ttacagcgag gacatgggga ctgagactgt acacacgttg 180
aagagggcag ggtatatagc gggggagcca acgaatcacg gccgataacg acaatgatga 240
taacgataat ggtgctcctt tggcggaatc ttcggtatgg tttggttatt aaaaggcggg 300
caatgngggg cgaaggtata gagaaagaat tgaactgatt ttggt
345

```

<210> 2364

<211> 1008

<212> DNA

<213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(1008)  
 <223> n = A,T,C or G

<400> 2364  
 gggacggcctt ctttaagaact tcttcgggctt caatcaaacc acaaagggggg cttcaatctt 60  
 ctctttttccg caaccaaacc cgggaataag ccttcaagcc acctgcagag cccggtgtta 120  
 ccgtaccgta tcttaccgta cctttttttac cgtttcttga aggggaagcac ataccgcac 180  
 tccactatcc ataaatcgaa actgaacaag aagctccacc atttctgttc cacacacccc 240  
 tcccctggaa ctctcacatc tctctttttt ttttttttgc tcaaggctcc agaagcctag 300  
 tccaagagac agagacagac cccccctggt caactttctn atccttctta aactaagcac 360  
 ccattccctt gaaaaccaag cccgggcgaa gtaaaccaag accagaagtc aaagcgccaa 420  
 cacattccca tccacttgaa acaaacagaa aaaggcttta gcttcttgc tttgtgctcc 480  
 catctttccc tttgtataac caaatcttct ggggactctt naaaaaagaa caactactgt 540  
 tgcctacctc tacatatata ttccacactc ccaccacata tcatancctc tcttctctcc 600  
 tttcatcatg tctggcagac cttcaagcga ccactttgga tcaaacagct caacatcacc 660  
 ttctcgctca tcatcatcat cctcttccga ctcggtttac agacacagca tggacgccat 720  
 tgctctcccc atcgctcag ttgaagttgt tgcgtgcacg cgatgcgctc gctccgtcga 780  
 agctacttct accgacgact cagcacaatg ggcattggtc catcgccaca acctttacta 840  
 ctgtgaacgc tgcgcaaaga tggctgggct caaataaatg gatagcgtca actgcaaaaa 900  
 ggttgaaaac aatttcgaaa acaaacagca cagcaaaatt taccttcgaa actggcttca 960  
 gcttctaatt tctctcttct ggggtggaagg gaacaaatca tcaaccaa 1008

<210> 2365  
 <211> 499  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(499)  
 <223> n = A,T,C or G

<400> 2365  
 ggggaatggta ctgagaggcg cctctctgca accatcaaan cttcgattgc caagctataa 60  
 ggatatcgcc gaagtcaaca tttcttcaca atcaggacaa tatcgtctga tggcctatca 120  
 aaatacccaa gatgtccttc cgttgtttta cttgcccgag cttcacagtc tttcaatagc 180  
 ggttgacagc ccagaagagt tcgaatggcc atcgacagca ccccggttca catcagttcg 240  
 ctcttttaaac ctctataggc tcagagaaat tcgccttcgg cccctcatgt cggctctcaa 300  
 gaacattgaa acgctcaaat gggacttggt gtatcagcaa gaccttgata agacagttag 360  
 caagccagtc gtacagcttg tcgaactggc atcggcctt tgtctcatga gcccgactct 420  
 tagagacctg acgattacag ggcacagttg cccagctttt tcgtgtggcg actacgatcc 480  
 cccacctctg tacttcgag 499

<210> 2366  
 <211> 463  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(463)  
 <223> n = A,T,C or G

<400> 2366  
 taagtgtggc cgaacttgatg acagctaccg atgagagagt atgggatagg atatctggat 60  
 acacaatggt ttcaacacac ctgggcaacc aaacatggaa ggtaacgaac ccgcttggca 120  
 acacgcataa cctggaatac cctcgctgtg accccgacaa gacctacgac cactacctga 180

cgattatgac	gctttttacga	cgttacgtct	agacagctat	actggcttct	cctcatcagg	240
ctgtgtacat	cgccagcgat	gggaggagtt	gcctctgcga	ctacaacct	ctactatacc	300
caccaaataa	tttctgtcta	ggcgctgtcc	tggcatgacc	gngacgatga	agacgatatg	360
gagacgccc	agtnccgcta	ttggactatt	ggcacgcaaa	gcaaaggcg	gntgaagttg	420
gagtgaagg	ccgcgttga	atggaaaaga	aaaaagttac	aat		463

<210> 2367  
 <211> 643  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(643)  
 <223> n = A,T,C or G

<400> 2367	
cttttttttga	ctataattat
gacgctcaaa	gctatgcac
gatttatttta	ccctctctta
60	
cagctgggtgt	gaacgtgggc
gtcgggtggg	cggtgaatga
atacctcacl	gccaaacttac
120	
ctagcatcga	acaaagacc
aactcagaca	acctgcgcc
agcctgattc	tgagtcacgc
180	
gcatagattt	gctggacaac
acctgcgact	gataggcttt
gtttcttggt	caattatcca
240	
agggaaatca	ggtcgataat
cgaaactatt	tcctcgtaa
actcatacac	atagacaaca
300	
atattctaac	ttcatctac
cgtcacac	acaccgagcc
ggcgnacgc	atgggcccgc
360	
gaacgctccc	gatgccagtc
ccaagacgaa	cccttaacgt
tgagacaaac	gaagacgcag
420	
agacacgcgc	caccgcgcgc
gaactaaagc	aatcttccat
ctccgatact	tcaacatctg
480	
gcctgaagat	gctgccaaac
cctcgatgac	gcccgcataag
gatatgaagg	agcagatcac
540	
ttacctaaaga	agaacgagca
catgatcaac	tagatgggag
caagaggaag	aagagaatga
600	
tecaatgngt	anttcgtccg
atcggcaaga	aggctctacg
ang	
643	

<210> 2368  
 <211> 569  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(569)  
 <223> n = A,T,C or G

<400> 2368	
gttaccctat	ctctttgtca
tatggctcct	gagaaagagc
tttatcagca	ataccaaact
60	
ctctagtcct	cgagatcgcc
acctgtttga	tgattaacac
taacttgctt	ctcccccttg
120	
gcctcgaata	gcgctccacg
ccaggacagg	actttcaact
tgcatcgctc	accaggccga
180	
cttgataccc	tcgatttggt
tttatctgtg	ctccagactq
ttaccaaac	tgcgctcgata
240	
cactcgctgc	taaattgtnc
tgtaactccat	cacacgccac
atacaatgcc	aacgccatca
300	
tcgaaccagc	ctgtcgaagc
accttcaccg	cgttcctata
gtttctcaac	atgtcctgac
360	
gacgtccaaa	gccaaaccaca
ccctgcctgg	caagcacgca
acgaaaacaa	gcccggtgctg
420	
atgatgttgg	tatccagtc
gganancgtca	acgcgccaac
tgacacctgg	tgcccgaatg
480	
acganacct	catgttcgan
ngtcgcccac	caaacgaact
atcttcaaga	tctacaacca
540	
tattncacg	ccccaaaacg
ccacaacta	
569	

<210> 2369  
 <211> 633  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(633)  
 <223> n = A,T,C or G



```

<400> 2369
ggccanatt aggtatctta gggaggaact gcaacatatg gggctntatt acaacaacca 60
gccanaccct actgctttgg agttcgagcc ctccggcagct cctcaggacc ccagagatag 120
tggaacttc gactcgcttt ctccctcaa ctccgcccg nacaaccagt tcccaccacc 180
cgacgactca ttttctggct tcagnccgc aggattcggg caaatattgt ttatggacca 240
caatgcggct gacaatgccg acnatcatca gtcanaagcc gacttcaggg ctaatgccgg 300
acctntcagc cctactgccc attctnttat ccttcagggt atcttngacg anacatttga 360
ggatgctgcc gagcatctgc caaaccaata ttgcccanaa tctgttacag ctgcanaaga 420
ggacaatccg caatcgccgc tgtcatcgga tggacnctcc ctgaacatgt tctccanccc 480
tcacggnata ttttacaact tgccctttcc ccagtacaan gacntggact cttaatcgct 540
caacatnaac ttatnttccc agaaccgttt tccataaag cacaaaacttt taagttngnt 600
ggctaacttt caacgcagta gagggccaaa cct 633

```

<210> 2370

<211> 584

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1) ... (584)

<223> n = A,T,C or G

```

<400> 2370
gtgaccaatt ccactaacac gacctttgta cttatctcag gccattaatt gtactttacc 60
ctcttttggc gctgaatcga agcaccgtct ctccgcctgt cgcggttacg cttcgatttc 120
attattctga ggtcatccat attggtcgcg ccgcgcctta tcttccctac gataatagac 180
atcatcatac acgatggcct ctcaacatga ggcgagactg ccacccaagc acaacatcct 240
cttgatcgag ggtgttccag atcatatcga tatggtttcg cgtcgacgcc ttgggcaaac 300
taagcttaacg cctaagatga ccggctctaa cgactccgaa cttgggtgat tgcactacgc 360
gcactctcgc gctcctctgc ctaagggcat cgtctctgga atcttcaagt ccagccctag 420
cagctatttc ctcatgcgac gcagttatga tggttacgtc tcggcaactg gcatgttcaa 480
ggctagcttc cctatgctga agcttccgat gaagaagcag aacggaagta tatcaagtct 540
cttccgacta cganccacga aaaaaacgcc ggtaacatct ggat 584

```

<210> 2371

<211> 504

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1) ... (504)

<223> n = A,T,C or G

```

<400> 2371
aattaattaa ttgactcaag aacaacattg acaaccttat caataatcca atcaatttcc 60
aagtctaaga tgctttcttt cgtaaaactac actcctcgaa ctcatcccgga gcacaaaaac 120
aaagaacatt gccgggtaca ctctgatcca tccaacatcc cagcgatgt ctcccagaaa 180
atccccgtcg ttgaanccaa gtcctccgtt caaagatctc ctggctctcc tgcctccagc 240
actcaagctt aagcgatgag cataggcatt ggtcctacga ggcaaatccc ttggaacagt 300
tcaacggaag gatccccgtg gagtacaagg cgtttttatt agctgggttc ctgcaacaat 360
atcgataatg ggatgcaatt ggcattgtatt tgbctgttca acagcgccac ttgggtgtaat 420
gaggatatag tagggaaaaa gaaccatggg caaaaatnat tagctacttg gggtagcttg 480
gttgggtttt ggttnanaaa aaaa 504

```

<210> 2372

<211> 575

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(575)

<223> n = A,T,C or G

<400> 2372

ttttcgcttc	caattttttg	aagagtaatt	cgccccctca	ccagaaaagt	aagacaactt	60
gttcttatct	cttggccaac	tctccaagtt	ccgacccagc	caacgccaag	acaaccgctg	120
atcttggcaa	tgatacagtt	cgaaaaagac	aatatccgaa	atgatacata	cagtatccga	180
cacaccacat	ggggaatggt	ccgagggttat	ctacaaccgc	tcaacttccga	ctccgatcca	240
atgagagtct	cggtaatcaa	tactgcttct	cttggcgcat	gtcttggctg	tcggccgcac	300
acactcacgc	tctgaccgtt	ggttttgggc	gtaaggatct	tttgtgctgc	cagcagccac	360
tgactctcaa	ttctaccagg	accttgtttt	gctgtgacta	agaaaaatct	gaataaggac	420
aaaaccgacg	cgacgagtct	ggggaaccag	tttgcggggt	aaacttgacc	tggggaaacg	480
tygcaacntt	gttggagaga	tggaaatccn	caagtcantt	ntttgcaata	gtttttttga	540
ctgncgcgcg	aaaataaaga	taacctctct	ggtcc			575

<210> 2373

<211> 296

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(296)

<223> n = A,T,C or G

<400> 2373

ngttgttngg	gtcactcttg	ttccccntta	acatgccaaa	gcgttnggga	aggatctcnc	60
cttttgtttc	cttcccatgt	tgatcggttc	gcttangcag	gtatgatata	ttgngttctc	120
ctgggtcatt	tgtttaaagc	acaccttccc	aaacagatat	tggttatttg	tagatcaggg	180
gttttgcaac	aaccagagat	caaaaccatt	actagctctc	gatcaagggt	tctgtganaa	240
ggcggaactg	acaaatacct	taataaataa	tgcataggta	ataattgctc	ctctcc	296

<210> 2374

<211> 258

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(258)

<223> n = A,T,C or G

<400> 2374

nttgtaacca	cttntcttga	tnactacata	ccatttttct	ttgtcatgcg	ttgannaaaa	60
aagttagggg	tgcgtctttt	gataatggac	gactgcnctt	ttgggctccg	atagacggaa	120
tgtctgttta	nactaccacc	gnngaggaac	gaggaaatga	catgggggat	tggaggatcc	180
nnctgtgtgt	tgandccctc	acatgggtggg	tttgagaggt	ggcaataggt	tagagccaaa	240
atagaactga	ttacgata					258

<210> 2375

<211> 650

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(650)

<223> n = A,T,C or G

<400> 2375

agcgaaaacg	gtccagcggg	gcagcaaaga	ttggagagcc	gcaacgaccc	ggcaaagtac	60
aaaagcataa	gcgaacatgg	tccatgtctt	cagcaagtcc	tgctgggggc	ggcgcgagag	120
tgactatgga	ggaagactta	cacttcaagc	ttcaaactct	gcaggacatg	ttcaccagta	180
cacgccctgt	cagtgtatta	tttctcaggg	gtgacgaacc	cgacgacccc	gatctacacc	240
cagtatctct	tcctggagat	atttcacccc	taaccaagcc	aggcgaagg	cccaactggc	300
aggccagaag	tggacgaagc	tccgccgcag	gttctatgat	atcgccctcg	cctagctctt	360
tgtccctagt	atcacaggcg	tccggaattg	gcgcaggcaa	tcaatggaag	aattttgact	420
cgggtgccagg	tggtgaaatg	tcacgcaagg	gctctgagca	acctacaaga	attaacaagg	480
gcgacgatga	gggcagcctc	agtggatgga	tgcaggccct	angcgtcgac	tcctctatcg	540
accaccacan	gacgcagcc	cgnaaccggt	ggnctgcttt	tacattcaac	aaccgaactc	600
gnatgactct	tggaaatgct	tnttancacc	gnctatttta	nctggtgcng		650

<410> 2376

<411> 204

<412> DNA

<413> *Fusarium venenatum*

<400> 2376

ggctctgaaa	tatgggagtt	tcgtgtggcc	cgcacgatgc	gtttatgaca	atgggtacat	60
gaacttcctt	ttttatgatg	ggctctcg	attcacggcg	atagaaagaa	tggactcctc	120
agattatggg	tggtctggtt	tcttaactca	tgagcgaggt	aaattagccc	gctcaaccgg	180
aataaaatat	cctcatgcat	catg				204

<410> 2377

<411> 627

<412> DNA

<413> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(627)

<223> n = A,T,C or G

<400> 2377

atttcaccat	tatccoctta	cgaaactgct	ttctctccag	agttgaccat	atatcattgg	60
atacttgatt	caaaatcaac	acagtccatt	cttatactac	attgtctcca	gttgcccttt	120
ctgtcttttt	cgggtgtgtg	tccttggtat	tgacttgtct	ntttcgactc	ctcagcaacc	180
tacactatcc	aaacaacaac	aacaacgctt	cctagccaag	actaccggaa	cttgccctgct	240
tttttacatc	tctgcagtat	atgaactcta	caccagacgc	cttgctacct	atacatntgn	300
ggaaacatcc	gcaaattcgt	caccgccaac	actacgtctc	tctccctttg	caaacgctgc	360
tgagtatccc	tgctgccttt	caggtagaca	cgcaacagcc	cacgagaaac	ccattagtct	420
cgtgttccct	aaagcggagg	caattctgag	ctatcaatcc	cttcttcagt	cccccgagtc	480
tanacaggct	ccgcgactag	ccatcccgtt	atttagcccg	cttcacttca	ctacgcctgn	540
gctggcccac	attcagcaca	taacatagta	ttagagtccc	ctggncatac	caacaggcgg	600
ttttctacca	antctncaac	tttacnc				627

<410> 2378

<411> 590

<412> DNA

<413> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(590)

<223> n = A,T,C or G

```

<400> 2378
ccgacaaaaga ccaccaatac cgccgcatac gttgcaacca ttgtctcagt ataacttgcc 60
ttggagaaaaa tagacaaggc acccgcaatt gcaaaaccga aatactcacc gtcactaagc 120
tctttacaac cgtaacctct ggcagccgca taaccagcat cggcacgacc agcattgac 180
cccccaagaa tactaccaaa aacctggcta gatccaccat cggagatacc tgttcaggag 240
gtcgttatt gaaatatttc tttgtacggt tctggtagtc gtgggtttacg ttggtcattg 300
agaaaaggag atggcgcttt agaacttcgc aaaggttatc ggtggggagggt gtccggcgaa 360
atgacgatag gccggagcct ttgtcgacga attggtaaga ctttgcgctt aaaacgcgtt 420
ctaaggctga gacgaccacg ttgggcttga aggcccgta tgggggggtca agcggntcaa 480
gtttcataat cgcggattgn aattgcaatg gggccggtgt gtantggnca atgagtttac 540
gatgatttgg cccgaagtnc tgaattgggt aagacttgcn aaggatcact 590

```

<210> 2379

<211> 478

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(478)

<223> n = A,T,C or G

```

<400> 2379
gttgctctgg aatagctatg atgtttctct tgcaccttcc atcacattgg tgtttacgac 60
caagtttaga ccttttgggc gcagcctcac cgcgctattc cgaacctcc ccgcatcac 120
gccatacccc ctcaattgtc gtatcattgc aactgcccaa gggaggattt gtttgcggtt 180
gttagccgaa aacagaaaac aggctaacaa acagccttga cgtncaccac accacatcct 240
cagaccttga ctctctcca aaatggggcac aggaaaattt cgcacgacgt ggcaaactta 300
aattttctcg ggcgaattgg agacgaaact ttggacctcg aactcaacag agatttaacg 360
ttatggcggc gttcgaccgt gagaatgaaa tgatattatg aacattgttt ccatatatta 420
acrttgacag ggggattctc aatccanacn atggctctgg ttganttcgg gatacttc 478

```

<210> 2380

<211> 568

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(568)

<223> n = A,T,C or G

```

<400> 2380
ccccccgaag ggccaaaang gttcaggcct ttactggntt ttttngggga ccagaqcgca 60
cagagtcctn cgaagccagn aaacctgtgt ttggcgctgc caagtggana aagcgtgagg 120
ctgcccngga cgttgccgag gcacctcctg ccgaaaggte ccgattctaa tgaccgacaa 180
tctgcccngg gtctcccan aatcgccctt gctggcaaca agcccagttg gcganagcgt 240
gaggctgnta aacaggcggc cgggtgtagc ggagccgata ctggatcttc cgcctctcca 300
cctcgcttcg caccagggg ttgtgcgcca cctatggacc gaagcggctt ctggccgtgc 360
tqatqatqat cgaagccgt ntccaactcc tccagcggaa tctcagcctg catcacgaac 420
agctggcaag tgggttctc ctccatgag gggcaataa qtrqtlagggt atggcatttg 480
cgactcatgg cgttaatagt tttgcttcca ttaggaaaa gtagtagtag tctttatgaa 540
tcaatacaag cgactaagca cactgaga 568

```

<210> 2381

<211> 350

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature  
 <222> (1)...(350)  
 <223> n = A,T,C or G

<400> 2381  
 gatcatgggc cagcgagaga caagccgcct tgcngngggc atanctcana gtgcaattaa 60  
 cggtctanga agcctcagtt ccgggttcag agataccatt ggtcaagacg ccgatgtcat 120  
 tgccaaagcg gccataaag ctgcgcagtt ggcgaaggag ggaaaaggcac cgancaagta 180  
 ttggattctc aacgcaagcg atatcattaa gctgggcagg actgagtggc cangcaatca 240  
 nactgcagct acagagacca anacggagac tgctgcatan agtgcattga aaggaatgca 300  
 ncggcggttta gtgtcttact tggttcctat ccaaaatgaa atataacccg 350

<210> 2382  
 <211> 110  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(110)  
 <223> n = A,T,C or G

<400> 2382  
 ncacgacgca ccaccgtagt gaaatnccta anatinccgt tnagcaatcg cgttggnaag 60  
 acangganct ctgnccggtn ctctttcaca ggnccncaat ganccttaca 110

<210> 2383  
 <211> 289  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(289)  
 <223> n = A,T,C or G

<400> 2383  
 ttttttttat ttttetaattt attttacctc atatattttg ctcattttctt cggcctctct 60  
 cctgggttctt ttccgggtacc tctttccctc catcaaagtc tcaccgtgag cttctctttt 120  
 ccaaatcatn cgnccggcatg anccgaaatg gaaaccggnt ccgccgtaaa atcgcccggc 180  
 cgaggccttn gccnttctct cggcggagcc cgttgctgcc gatnnacttc cggcctntga 240  
 gottganaan agttcccaaa anccgaaaac nccaacccaa cgtcaanaa 289

<210> 2384  
 <211> 354  
 <212> DNA  
 <213> Fusarium venenatum

<400> 2384  
 cacatgtgca agagggtcgag gctctctctc aggagaactc cgaaggccca ttcttcttag 60  
 gaaagattcc tagctatgct gatttttctt ggggtgggtt cctcatcttc atgacagcca 120  
 accagatcat tgatgagggtg tacaagatca gtgggtgatg ctccagtttca caaggacctc 180  
 cttagaggcta ctgctctctt gcacaagagg aacgaccact aagttacaaa gtagacatgg 240  
 ctgaaaaaga aattccaaaag atgatggacc aagaactgga aaagcaatac tactaggcta 300  
 ccagtgtataa aagaccacga cataaacaca ttcattctta ttctgtgaaa aaaa 354

<210> 2385  
 <211> 147  
 <212> DNA  
 <213> Fusarium venenatum

```

<220>
<221> misc_feature
<222> (1)...(147)
<223> n = A,T,C or G

<400> 2385
nnttaggcac atataactgaa catttactga nttgacgggg tatgtnantc taaaggnttc      60
gtcttgaana aatatgtnta tcntttgtgn ataccaagan ctnattgaat taagtaanga      120
ncagaatagt gctctgggaa tactcct                                          147

<210> 2386
<211> 297
<212> DNA
<213> Fusarium venenatum

<400> 2386
ccatggacat gtaagaacttg gtataatggc ctattgagga gggtaaaaagg catacactaa      60
gcgctttata tttcttattt attttctttt gagaatcttg gagatcctac agcggattag      120
gatgggactc ggcgttttggg gcacacagga tggaccaccc atgagcggtg ctactgcata      180
acatgcattg ttttcttttga tttagtttca ggacgaatga tgacacagga aacttgtgtga      240
gctagataga aagggtttgtc gccgctcgac accacaaata caatatttga aggatac      297

<210> 2387
<211> 103
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(103)
<223> n = A,T,C or G

<400> 2387
ngccnaactg nactnggatn acaataccag gttncgacag atgattgtct tgacggnatg      60
acagaanagt tgngatcatt ccttngantt gcatactaga cag                          103

<210> 2388
<211> 623
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(623)
<223> n = A,T,C or G

<400> 2388
attgttgtaa ggtactctct aaacactaaa ttcaaggatc catatatggt acaaacttga      60
tatattgaat taatgttcac aaaaaactaa ggttctcaat gagtccacgc tgtggacacg      120
gggtgaagtt cttcttaact aaagacacct aaagtcgtat tccaaaacta tccaatagcc      180
tataaagtct cacatgggaa tattgcctcg tggatacaga gcagggatta cgcatatagg      240
cctccagcct gaagtgaagtt taatacacat cttagagtga gctgagtgga gacacagata      300
taactgacaat tgggtccatat ccatctcgaa tggctgcctt tttgagttgc cttgaaactg      360
cgaacctggt gctgttggtt glgtgcagtg caatatgcag ggagagactt gottgacagc      420
agggagcctaa aggcuaattct ttgnttgntg gtagcagagt ttcccaqada aaattaatga      480
gttagctcgg agcacaataa agtagcttct agttactctt ttgnggtcat nccacaattc      540
acctgcagtg ccagagaact ggcactggca acagntgtca cggnatcaac ttgcaacctt      600
gaacatctat naagangcct cat                                              623

```

<210> 2389  
 <211> 612  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(612)  
 <223> n = A,T,C or G

<400> 2389  
 atccatcgac ccagtgtatt gtatctttact ttgcgttaga ttcacgtgca tcatcatcat 60  
 cgctacagca ctttttatta ccacttacac gcaaacagcc aaccacaaaa cgcentctca 120  
 accaacaacc atgagtcgcc gacaggacca cgaccagagg caatacagcc agagatacta 180  
 ctccggacagc tctaggaact ggagttagga agctgttcga ggcagctggg actccaacta 240  
 cttaagaaca acatcgggca acacatctcc cagagaccag tcccaagctt ggagtagacc 300  
 aagtctctaa gcttatgata gaagccngaa catggttaac cantggetcg gtcaacagta 360  
 tcagaaccag ncaccaatga tncatccatg ggcggtgata ctgatnccaa ttcactactt 420  
 ctacacttctn ctggcttttag gactntctaa cntttntttt ggacttagna cncocgggat 480  
 tnaaacccaa gtggngggat gatttntgcc cactttaang cttttttccg atngcagtat 540  
 aanaccatac canggggggc cttttttctt tggggatntc atataaacca atcgctcgttt 600  
 ngacgacaaa tt 612

<210> 2390  
 <211> 146  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(146)  
 <223> n = A,T,C or G

<400> 2390  
 ncacnctctn ctctcaatat taacccccctt ntcccacaca cncaaagctt ttataacttc 60  
 acccattcng aaaatttctc atcncaaata ctcacctcna aaaacttttn cncaccccc 120  
 ttttctnttn ttataaanta acctct 146

<210> 2391  
 <211> 312  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(312)  
 <223> n = A,T,C or G

<400> 2391  
 atngcaacctg aagcaagatt tgcgatgana gcttcaaaat cttcacgagc atatccgana 60  
 acagatatgt acgagctcga aaatatgtg gaggatggaa taagggcggt tttcatgat 120  
 aagaataacc aagtgaaggt attggtggat atgagcgaca aatgattgcy ttcttgtaga 180  
 ggtttattta atattcaag ccttccctgg tc 212

<210> 2392  
 <211> 293  
 <212> DNA  
 <213> Fusarium venenatum

<220>

<221> misc\_feature  
 <222> (1)...(299)  
 <223> n = A,T,C or G

<400> 2392  
 ctctacctcg gcgagcagtc atctgctttt gtcaaggctg cttgccgcgg cttgataact 60  
 tctctccggg atactctacc tcggcgagca gctatcaagc agcggcaagc ntgtgcagca 120  
 tttgttcata aatgcatnat ggggatattg cgggttatgg cgtttgaaaa gtcgaacagg 180  
 tgttattctg caacaaaacg gcggttatgt ccacgctcgt tctatttttg ggcttgcatc 240  
 ttaatttcag caaagcacan cacggtacag aacaggggag gaagggtnga taattatga 299

<210> 2393  
 <211> 621  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(621)  
 <223> n = A,T,C or G

<400> 2393  
 agggacagag agctcttgta gagtttcaat tcaagaaccc tlgaaccgctc ttcgctcatct 60  
 acatctagat cccaattcat aacgtcctgg aacctctcac gaaacaccga acctttnttc 120  
 agacactcan aaacaaacat catcgtcagt tcgtatatcc atcatcatgg gctcccacga 180  
 ctntttgaac caggccgaag gtgcacctcg gttctggtac cnggataact tnttctcac 240  
 aaacgacaag tctatctat gccccgaac cttcaacaag tctctcgatg acaactgggtg 300  
 gaggagcccc ttaccaaacg gacaactcca gaggggtactg gataactgct tgaccttgge 360  
 cgtgtactat actccccaga ccgcccagga aatgaagaga aacggcatcn cttcaccaaa 420  
 agatggctcc ccgcacaaga tggcggtttc gctcgtgtgg ngaccgacta cgtaactntg 480  
 gctacacctac agacgttttc gtctcgatg anttccaccg gcggggattg gcgtcgtggc 540  
 tgatgccanc ctcttaaggg gatagtcnag gaatgggaac acatgcgcng gctttttttt 600  
 atgaccatga ncaaaccgca a 621

<210> 2394  
 <211> 106  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(106)  
 <223> n = A,T,C or G

<400> 2394  
 ntgnngctac taagggtgna ttttcggngc ntgtacgggg gnacccctat attatnataa 60  
 ggctnncnga atggattang atngtgcna gcentacaaaa aaaatc 106

<210> 2395  
 <211> 110  
 <212> DNA  
 <213> Fusarium venenatum

<400> 2395  
 ggtattgggt ggtggcggtc aagggtgggtg acctcctggc ggtaagtggg actcccccctg 60  
 caagcccaacc taactctacc cctcctgctt agatatagga agtagtadac 110

<210> 2396  
 <211> 631  
 <212> DNA



<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(631)

<223> n = A,T,C or G

<400> 2396

gaccccttttc	tgagtgtctga	ctcgtctcaca	cttacctagc	tcgctgcctg	ttgctgcacg	60
tcactcatcc	atgctgcgct	gtctcgctcg	tgctcgccg	tcattatcg	catcactatc	120
accaccacga	agtctcatcc	acctctcaca	tactcgccag	actatggcaa	ctgagcacag	180
tcattgggca	gctcgtgtcc	ctaatactct	cgagtggctc	gccaaagacta	agagggggcga	240
ttaccttggt	caagtagcat	ggccattgtg	ctggggcgag	gatcgtgttg	cccccaaaga	300
tgagaaggtc	aacctgggtt	atgtggctga	tggaaatgcc	tatttcttca	cagctgttga	360
cgtctctcgg	cgttttggat	atctcaatag	tacaagaact	gncatcgtag	gcattgggta	420
cccgccagta	aatatgtcta	tgacttncgc	ggggcccgaga	tctgacccat	tcgctgnaga	480
gcatgacatg	cctcttgaca	gacatggnaa	ggcctcgtag	ccgacatctc	atctgggtgaa	540
agccgagcaa	gttctctaac	tggggatgaa	agacagacgt	catgcccctat	ggttgangga	600
caaagctntt	tncccaacgc	caacttacan	n			631

<210> 2397

<211> 595

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(595)

<223> n = A,T,C or G

<400> 2397

gttctctcagc	atatgcctga	tcccgcaatt	ggctcctaca	agctcctcgg	cattcggggac	60
gatgtttgct	tcnaccgctt	cagtcgatat	ggcccttacg	gcctgggcta	tancagagct	120
caagggtggc	tggataccgg	tctggatact	gaggcgtctg	gaaatgaggc	agtttggggc	180
gaaactggca	aaatcaacta	catcgacgtg	aactggggcg	atgctcagga	agattgctac	240
aaagccaaca	agcatngttt	caagcaggtc	aacgcccaga	ccggcgagct	ntnggagacc	300
aacaacaaga	aaggacgcct	tgccgtcggt	gtccgtacat	acactggctt	nagtggactg	360
agctttgctg	tcttcaactt	ccgtgctctc	atnacgaact	ttcgtcfaat	cggngngnga	420
atatcaagtt	catttttntg	atgcaggtag	caaacatcga	tgagcccatc	tggtaaata	480
agtggacggg	gcagccgcct	tatcaacnac	aacgttcccc	cccgagtttc	ganggcttgg	540
ttctntttgg	agcgagcctc	aaatganact	tattgtcccc	ccgcccgaat	ttgga	595

<210> 2398

<211> 170

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(170)

<223> n = A,T,C or G

<400> 2398

natanagtgc	caaggatat	atactgtgct	ttgcgcattt	tacaatgaga	tgtgttggcc	60
tctttgctng	tagaacgaat	atatgtgngc	ctatggggag	acctgagnna	tggataaaaa	120
gggtaaaaac	ntttantttc	aggtacccga	ttqacaatag	gcataaggtg		170

<210> 2399

<211> 630

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(630)

<223> n = A,T,C or G

<400> 2399

tcgctgctcg	ctcataagtc	ttcttttgctc	ctctccttcc	gccatttttcg	atcaaagtct	60
attagcggcg	cggtttcatt	ctcttttgga	acataatctc	ctcgtttcat	cgctgcgnaa	120
agacgtgcct	tttctctccat	tcgtcgctng	gcgcgtgcca	actcttgagt	ttcttctct	180
gngccagnaa	cctcctttta	ttgcagcttt	tttgatccat	canactcctt	gcttcgttng	240
ggttttgagc	ctttgaatat	gtcatctttg	ccttcttttt	gagagcgaga	ccggccagct	300
gatgtcgcgc	ctgatgagga	gtttgacatc	aatgatgtca	attgagcagt	gaaatcaagc	360
gaagtagata	atgttgcatc	acgtttcggc	tttttaagna	ggacgttgcc	gtatanattc	420
ggntcctgng	gcatttttgc	gtattcgata	gntcgcgtat	gtgtttttga	ntacttgggt	480
gntgatgac	gogangaaat	aaagtaccaa	aacgaacgca	atgcccattg	gcagncaaac	540
aaaaacgggt	gttctcaacc	tggggnaatc	accaccaagg	ttggacagaa	catcgacggc	600
gggncaacat	tncaatcact	ataaanaaan				630

<210> 2400

<211> 461

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(461)

<223> n = A,T,C or G

<400> 2400

agacgagaca	acaatactct	tcggattgtc	gcattcattgt	tgtttttcacg	tcccaattgg	60
ttgtcaggtc	gtcagcctag	ggaacgggac	atgacgggct	ggatccagcg	gacaggttga	120
gctaccaggt	ctagcgaacg	anaagaccca	ttccggatga	cccatagcaa	gacatcaagg	180
gctcggaatg	gagggtcacga	cggatctgtc	atccggcccg	ggggagtcgt	ggcgcgtggc	240
caaccgtgga	tgggatgctg	gtgttttgcta	ttcgtgcagg	atcccatctg	atctgagttg	300
ttcttgtctt	gctgggttaag	actcattcgg	tctgagatca	aagggctgga	caacatttgc	360
ttaaacaaga	ttgggcttta	aanaccacch	ctggggttta	aatcgaanaa	acttttttca	420
agangcttga	aanaaccctt	tnntntcgtt	gaaaaaaaaat	t		461

<210> 2401

<211> 524

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(524)

<223> n = A,T,C or G

<400> 2401

agctttatgt	ctccagcggt	cgcgaagag	aatgatgcag	ttctgcgcgc	atctntaacc	60
actcttnttt	cttgtgcgca	tgcagctaga	ggcttaccga	aatcaaagga	ggaagctgaa	120
gctcagcgag	cggccagcgc	aggcgtggga	cccagcaatc	agccgatgga	gctgcgactt	180
gtgcgcgagt	cggagctgtc	acaggaacaa	ccaagaacaa	ganggggtcc	acgcctccgc	240
gggcacatct	caccccgcaa	acgggcccgg	ggatcaggat	ctccttcaag	aacctcaana	300
acagctntgg	gttgnaaacy	cccacaggnc	taccaanaaa	aagaaggtga	cyyaagagcc	360
taccactatc	tcaccaactn	ttctcacatg	ggttgcaach	cgggcgttgt	cattgtttgt	420
tctgngngng	ggtttttgng	caaggtatnt	tatccgcctg	gaagctggta	aanaaaaaagc	480
gctggcgccc	antgtttggca	nttgtcaaca	ataccacatt	tttg		524

<210> 2402  
 <211> 541  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(541)  
 <223> n = A,T,C or G

<400> 2402  
 ttttcttttt ctttttccttg gtacatctca tattgaaaga attacctatn ggtatatggt 60  
 atctttttctc ttctgtttgaa cgttttttgtc tatcctgggt ttacaataat aaatcgggat 120  
 gcttagcgta ccgataccta catctgaatc tgcagggtccc ttgatcctaa atcgccgtng 180  
 ggatctttat tagttgcta cttgattgtc atcgatcaca attttcaatt caatcatacc 240  
 tctactgtga tctactttgc aaattaaagg acttcatgcc atcatcatag ttccctcagt 300  
 accacacatg tggagttcat nacatataag ttcaacacac cagcctagga tcccggtcta 360  
 gttctctcat ctcatactca aagggtcggg ataacacccc ccngccaaaa aattacttgg 420  
 cttggcttgg cttccctcnc acaactctng ggccagaaac cgtnaaaatt tancngtaa 480  
 ccaagctaan ttacngngtg ttttgaaaca aaccgtacct tanttttgcg aaaaanaccn 540  
 g 541

<210> 2403  
 <211> 605  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(605)  
 <223> n = A,T,C or G

<400> 2403  
 aggctgtaga ccacaagcct tacctgggac tctttgaggg cagcctgaag atgcaagagg 60  
 gtcccaacgtc ctgggaaatt cgcgatttgc gcgagaatgt gacagacggc gacaagacct 120  
 ggaccgagaa agcctactgt ctgatattgt gtaactgtat tgaatgaaca ttcaatagcg 180  
 agactgcata accgcacaga gcttgctccg gtcagcaggc tcatcgagtc tcgaaatgcg 240  
 cgactatata ttgcgcaggt tggcgagtca gcttcacgca gcttggttggg agccttaaac 300  
 tccaatgtgg ccagctcgac tcaaccgcct actcgataag gcttttttga atgacgaatg 360  
 gcttcagttt cttttgtcaa aatttcgaag tcaacttaggc gatcgccca actggtggat 420  
 tttccggggc cggcggttga ggccgaaattg gctgtatcgt ggggttgagat ggtggttcgg 480  
 tctagaactc gcgagagggc aggggatacg tactctgntt cttttttgaa gttattttan 540  
 gcgacgcaag agtaactatt catatgggtc actggactat cggganggac tagaccggac 600  
 gttga 605

<210> 2404  
 <211> 818  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(818)  
 <223> n = A,T,C or G

<400> 2404  
 aggaattgaa acagycactg aanaaatatc agcgacgaca agcgagactc gtccatnttt 60  
 acctttgggt ccagaatccc aaaccggact tgaacctgaa attgaggttg aagggtgatga 120  
 agaggaagtg gtanaacctc ctctnngat agaccttgcc cggcgactca gcacaacgtc 180

atacaacaac	atgggaatcg	accctgtcga	cggaaaatgg	ataccagaac	atcagtggtc	240
gagtgtcac	gacttgctgt	atgccaaagt	ttgttacagc	aaccttcttt	tccgaagtcc	300
ccgcaaaacg	ccatacatca	tcaataaggg	caaaaaggtt	tatgttgatt	ggaccactgg	360
ccgaatggtc	aggggttctc	caccagccta	tggggagatc	gactattttg	gtgcttggca	420
aacgggttca	taccgaaaac	agactcatct	aagggttgg	ccatacgcac	atatgatata	480
aacatcttct	accccatgac	actctctctt	accaacttaa	ctatgtcttc	ttctctttac	540
acaaaaatac	tactggggacc	ggtcacatct	catacgacac	cacacacatt	tctcttatgg	600
ttgattcaac	atcttatata	atctaaaaac	ccactacaca	gattcacact	cgaaaacaga	660
ggcacagcac	ctcacatctc	gtctttttta	cgaacgtaca	tagctacttt	gcatactctg	720
cgcatgaaag	gctgcggatt	gcatacancca	acggtgatga	tggcttacga	tcattggaacg	780
gagtttacat	ttgatttaac	gctttcttgg	taaancaa			818

<210> 2405

<211> 510

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(510)

<223> n = A,T,C or G

<400> 2405

ctggcggttcg	cctcattctt	cgccaatatc	acaaggccgt	gcagagggca	gtctccgcga	60
aactccttaa	gagtagagac	atcaaagggg	agggcatcga	agcagcggca	tatcagttag	120
gaaactcgcg	aaaactatat	gagaggaaaa	cagcactctc	tgaagcacat	tcaagcagtc	180
ctgcataaat	aagcaatggt	gcttcaaaac	acttatacta	aagcccagta	taaggcaacg	240
gcattatgaa	ttattttacga	tttaacgaga	acaacaaaatg	attaagggcg	gctggagagc	300
tatggaaaaa	ataaaagttt	gtgatcaacc	caaatattct	tgacattgcg	gtatcaataa	360
acaaaggcgg	cggtacaaat	aatcgctaaa	gatangtagt	gggaagaatg	aacatggtga	420
gagctcgact	atatcatttt	caogtctggt	tcattgtgcaa	tggtcacaac	atgggttagc	480
aatttgcena	tggtgattac	aatgtncgtc				510

<210> 2406

<211> 936

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(936)

<223> n = A,T,C or G

<400> 2406

cgcattatto	tcattcccat	tgggcctcat	tgtgggtcaat	cgctactcca	tgttttctctc	60
atccctccaa	tcgatcaaca	aagacatctc	tcaatgctga	gattttctggg	gaaagatggg	120
ataatatgat	acaatatgcc	atctccacct	gtcttggttac	gaagccgctg	ttcctcttga	180
ccagtcacac	agtcttgctt	ttgtcttctc	cagacacacc	cttcaagcaa	gggtgctgat	240
tgctcactga	ggagaaggag	gggacctttt	gggtttttatt	ttttttactt	tgacttgcc	300
ttttcttatt	atccgacgtg	accgagcata	tacaagttac	tgactgataa	ccgtatagtt	360
cattggancc	atgcacgaca	ccgcctctgc	ctgatctgat	attacgtctc	tgcacaaagg	420
gacccgcaga	agacgagggg	aaagaattcg	ggtcacagat	tcactgaccc	atcgagggaa	480
ccatagggcgg	tctcagntcg	aaaatacagat	gtcgncttat	tgactaatct	gancattggc	540
taagggaatgg	gaatagcttt	gggttgagat	ggaagctggt	ttgagcaaca	agctaccctt	600
catttttctc	ctgtncogtc	cattcccaaga	aagcctccca	tttccgcaga	tccgatcttt	660
gtcttggttc	acccacccac	aaacctttaa	gaatanctgt	ggaagattgg	gnaaatgate	720
ttatgggtct	tgggaaactg	ctttgggaatc	ccgttttggg	tgggttttatt	ccgcctctcc	780
tggttccgag	ggctgttttt	cgtagggngt	gcagaaaata	ataccaaact	tggtgtagaa	840
cacgggttgg	cgcggntnac	agtaacacca	tcatanogca	tcangtcgtt	gaatcaaaac	900
aagggtctgag	tgggagcgta	tnnattatgc	ggaccc			936

<210> 2407  
 <211> 503  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(503)  
 <223> n = A,T,C or G

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<400> 2407
gtcatcgtga atcttctctc ttctcatctgc ctatctatcc atctgcatcc gcacctgtat      60
ttgcattctca tctgcattgg tgaaccttta actgcgtgca ctgttactaa gcacaagacg      120
cccaaaagcg ctggttggtcc ctacatcgag accctgttgc cttttgtttg gactgtagct      180
catctcgcga ttatccatta attttagttc gtcagaacna cgcacacatc aagctctctca      240
cngaaacuac aaggcataat ggcaagtgtc gcangtggtc cggagcgttt tccttctatc      300
gangatagag aaaccgagcc gctgctcggg agacctggcg atgcgcgcga agaagatggc      360
gttcctatga tcaagaacct cgttctcggg accggnatag tcgcccagtt ggggtgttgtg      420
ctactcacga ttctgggtctg ggcangcgtc ctatccaagg ccgttgantc ncttccaagc      480
gcaaccggct gcttcagtca ctg                                         503
```

<210> 2408  
 <211> 145  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(145)  
 <223> n = A,T,C or G

```
<400> 2408
nggggttttt ntgggggggg ntgttttant gnaaacccnc cganggttng aaaaaagggg      60
gaacaacctt taaaaaagnn gggtagggcc ncaatntaaa aatttttctt taaggaattg      120
gtggtnaat tgttgaaaaa caaaa                                         145
```

<210> 2409  
 <211> 217  
 <212> DNA  
 <213> Fusarium venenatum

```
<400> 2409
aaaaatcgaa gcatgaaggg ctggaacaca gactacacac cagtcatcac ggctgtgtgag      60
cattgggaaa tcaactatac cgtcaatatg aattataccg gtggscgcca atcatacaaa      120
gtcaccaatc gagattacaa gcaaaaagtt atcaacacaa catatatcga tgagtcgtct      180
gtcgacgatg gaacactcga ccgatattt gccgacc                                         217
```

<210> 2410  
 <211> 307  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(307)  
 <223> n = A,T,C or G

```
<400> 2410
nacaagtttg catgatagac gtgttttctt ggctttgnca ctctgtgttc ttgtgaaccc      60
```

agagccactc	atcttacgct	gtagggagcg	cagcaatcat	ggcattggca	aggatctttg	120
ggcggctcta	tctgtttttc	cagttttcta	ttttccataa	catcattggc	gttggggata	180
ccacactcgc	tgggttttct	tatctactcg	gatgacgaga	gggttatatt	aatatcatat	240
agagatagga	ggcaggcctt	tgacatggcc	tggtttcatt	agaaatgaaa	gctaattcgc	300
ctccccn						307

<210> 2411  
 <211> 303  
 <212> DNA  
 <213> Fusarium venenatum

<400> 2411						
cgacagaaca	atattagcaa	tcttgacctg	atttaccag	gacagactct	ccaggteccct	60
ggtggtggca	gccaagggtg	tggtggattc	ggaaactcgg	tgcgaaatgt	gcgccttggt	120
gatggaggcc	aaaggctaga	gggcgagctg	tctcgtgatg	gtgattgggt	tctgagctcc	180
atcatccttg	acgagcggat	caagaacttc	aacgggtacat	tggaaagtgg	tctagatatg	240
tgtgacataa	taacagcgag	ttttctgctt	aatacatttt	cgtacaaagt	catttttaaaa	300
aaa						303

<210> 2412  
 <211> 343  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(343)  
 <223> n = A,T,C or G

<400> 2412						
ngcccagagc	cgagacaatg	accaacaacc	cgcttcacga	cgtgcatgaa	gttgccggta	60
tgcgatttgt	ggaaagtccc	ccgactccgg	gtcagggttt	gttctctcct	cgagccggna	120
tggttctctg	tgaccttttc	tcaacatttg	ggagaccacc	agttgttgca	gatccaagga	180
gtccacctac	caagggcgaa	gcacctataa	ttcgatcaaa	ttgatganct	cttatgatga	240
agctttgacc	atagtntcat	gtttcgaagc	cgnaacgatg	caacttccaa	tggaaggaaa	300
acgtacganc	cttnccggta	aaanttttnt	ttaatannta	aaa		343

<210> 2413  
 <211> 630  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(630)  
 <223> n = A,T,C or G

<400> 2413						
aaaatcttat	tcacagtatc	ctcaaagcag	aaggaaacag	acacaaaacca	cagcagcctt	60
cttttcaagc	ccaaagacgc	ttgctggctg	ctcaagcatg	tcgaaaagat	caactgctcc	120
gcatgggctt	ggcccatctt	tgaataatcg	tcgactctct	gtagaaaagc	gcactcgtac	180
acacgtatca	ggtttaacaa	aagtcagcca	gggccagagc	ccaggcacca	gatcagtcag	240
acgcgtcaaaa	agccttaacc	agcccgtttt	agcacacaac	attctgggac	gtctcccatag	300
cctgagcgcc	gacatagttg	tcctnaacgt	gtacagtcgg	ccaacggata	cgaaaagcct	360
ttaccagagc	cacctnacc	tggtatcgaca	acaagctcat	gggagaagat	tgcaggctgc	420
taactgaggt	gataccttgg	cattcagcgc	agaaaaagnt	ttccggcgaca	aaaggcaagg	480
gaaacaagcc	ncaagataaa	aganggcaat	cattacgggt	cttngatctt	andtaatacg	540
tcaccgggtg	ntcaangggg	gttttctnggc	acaagatnng	gcgggcgnac	gttccaaaaa	600
agaatgntat	tngtttgtag	ccttnaaacg				630

<210> 2414  
 <211> 930  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(930)  
 <223> n = A,T,C or G

```

<400> 2414
gggcaccatc tgtggttcga ttgacacccat gccaatgcct ttgacactct tgacacctca      60
tggcccgttg atacgaccca cgactgtaca tcatacgttt tcgtttcctt ttctctgaga      120
actacttggg ctcaacttct ttgatgacgt atatcatttg actcaaccgt ctttgacgac      180
attaatactg ggatgcatag caagtgcacac gtccatgacc gtactgcttc accatcatcc      240
gatcttatct aggcgtattt tgcactcggt gctgaatgct tctcgaacac agtctgcagg      300
cnnngtactt gttgggtttc tcacaatcat ggtgcttgtg gtttgagggc tcacgactaa      360
cgcagtgatg acatgtgcga tctttgatgc ctgctcatcc atgggtctga cgttcatctt      420
gaaacctgca acctgcaacc tgtcgtgatg cggttgagtt gtgaattggt cacttgaatc      480
tcttgaaagt tatccctcag cccgaactag acagtagtgt cttgctggac gtgagcccg      540
tcgtacttat actcttttnc agccagacct gtgcgttctt ggatgaaatc gatttgtgtc      600
tgcaagtggg ttcattgtat ctgnatgtgt gttgcgtgcc atgcgcattg ctgactacgt      660
tggcgggtta cgttttcate tacgatttct ttgagctctg cttaaactcc gactgtttct      720
catcattgca tgcattgcat gaggagangg anattgtatnt tnttaggang ggggattgga      780
gaaatggagt tgggggttaa gttgcatttg ataccaccgn acatatgnta acctttttaa      840
aaaagtgtct cngtgggcnt gcnacaaana gaaagcnatt gaaccctgta aaggatggtc      900
ncaaaanccn ttcgggaatt ncttcogaaa      930
  
```

<210> 2415  
 <211> 723  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(723)  
 <223> n = A,T,C or G

```

<400> 2415
agaccctttc aaccccagtc cagaagtcct catgtctggc ttaacagccc atgaactagc      60
agacggcaca cgcacaacag aatgtcacct atgcgataaa atcgttcgtc taaaagacat      120
ggagacacat ctcaaacatc acgaactcga caaagtatcc cgtctcacac caccaatatg      180
tcgcaacgca aactgcggta gaacaatgtt tggcgtcgga tcaagaggtc aagtcctgca      240
atccccatcc gaagatcaag cctcraaaga cattggtctt tqtccaattt gtttcggacc      300
attatacgtc agtatgcacg atcccgaagg caaagccctc aaacgccgca tcgaaagacg      360
ttatctaggt caactcatga ctggttgtgg aaaggcacac tgcgcgaatg agtgggtgta      420
gacagggcgc gtgaatgcan gtcttgaacc caaaccttcg agtgcgangg angtgttgcc      480
gttggtgaac ccgttgctgg gtgatgntat ggatatgaac caaggtgttg tatttttgca      540
cngatgaagg ggagtcaaaa gggggaagaa attgggcccga aatgatggct nantgaaggg      600
anttttggga tgttgaatgg ngcattgttt cttgcggaaa ctgaaaaagg ggnntttgga      660
ttaggatgag gggactgggt tgonaggott tgggtttccc anaaagttna aggggttttt      720
gtg      723
  
```

<210> 2416  
 <211> 255  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature

<222> (1) ... (255)

<223> n = A,T,C or G

<400> 2416

nctttgttnc	ctnactcttg	ctcaatatta	tttctcccca	nttacaacaa	cctgggcacc	60
anacacgggt	ttaacctcaa	gggaaaaaga	acccttatca	cccttgngtc	ctntaatgat	120
gtcataancg	gtccttcctc	atgcgtaatn	gaaaataactn	gcccttgaag	cttgngaacc	180
cgaaataaac	tgtgttacag	aatccctcca	ggatggggat	aaaccagctt	gccgggtccg	240
tgacnattgg	ncttt					255

<210> 2417

<211> 551

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1) ... (551)

<223> n = A,T,C or G

<400> 2417

catccagcgc	tccactgtat	aaacacttac	aacctctcac	tttcttgata	taattgaacc	60
tcataaacia	tccaacaaac	tcgagacaat	tcccagtgag	agcctttata	tctcagctgg	120
tatctgcaaa	acacacattc	actcaattca	ctgagtgaa	gcatatacaa	cacaagccaa	180
accacattat	gcttaagcgg	ttccgcgcgt	ttatcatcac	acgtctaaac	aactaccacc	240
gccacacacc	atcagccttt	cgtttttcta	gcacaatgtc	caaggacgat	cagcagcagc	300
ctgcgcaggc	agagaccaat	ggcaacaaga	acctctccca	ctaccagccc	caggctcaga	360
caccgcccgc	tctaacagca	gggggggatg	cgtgaacgac	tacntttgga	aatctgtcca	420
ctcgantcca	tggggccctc	gtgggtcacag	aaanggaaca	tgggttggat	ggaaactggg	480
cgggcttaac	gaacataaaa	ggccaaactt	gagggtnttg	gnaaaaagaa	caagaacgaa	540
ggattttotta	a					551

<210> 2418

<211> 628

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1) ... (628)

<223> n = A,T,C or G

<400> 2418

caaaaaaaa	cctatacett	ttcaccagtg	caccattttt	ctttttttta	aacttcgata	60
cccttcagg	ggattgtgat	gaccacacct	accaaccact	acgacgcgg	gatcagctta	120
ccactacgaa	aaccgttccg	catgagccct	taactcgaaa	cgttcattta	ccatgctctt	180
ccttcacat	gttgagacga	cgatgcgata	tcgcgccttg	tcttcattat	agacttgctg	240
gtcggtaggc	ttcccaagcc	cagcccgccc	ctacatcatt	ttcccatcac	gcctaacgcc	300
tccacgggg	agagccccc	cgtacctttt	actcattcct	tcggctccat	cctggcgacc	360
tggcccaacc	tttttattaa	tgcctttact	attttttttt	tcttgncatt	ggttattgga	420
ttttgtggg	gaggaattgg	actgtgggta	tgttaaggaa	agtgggaaag	gatggcagg	480
gataaatggg	aaaagtgaag	acttggtctc	tagacaggcg	tttggggcag	gataagacac	540
agactgggg	aaaacggggt	ctggatgcaa	ggaacatgta	actgggtatt	ggaggatttg	600
ttggggggcc	nnntttgggt	ggtatccn				628

<210> 2419

<211> 194

<212> DNA

<213> *Fusarium venenatum*



<400> 2419  
agggtgagaa gatccccact agtgtcaaga gtgccgacgg aaagtctgag gtaggcattt 60  
ccagacatgg taccgagggtg ttcagcctga catggggccta aatcgactgc gatctatcgg 120  
tagtgtcaag gtagaggatg tgcaaataaa gagaacaggt acttaataca caacgccgag 180  
cctatagttt gatc 194

<210> 2420  
<211> 159  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(159)  
<223> n = A,T,C or G

<400> 2420  
nttccattgg accggggttt ttgctgngga tggagggtnt tttatantgt cgattgnoot 60  
atcagccngg tttntaanta ctggnggaca tttcaacgan gtgactgggn aaaccttgcg 120  
taccaccta atggctaana cttctctctt tttccaaat 159

<210> 2421  
<211> 500  
<212> DNA  
<213> Fusarium venenatum

<400> 2421  
aaacggcccc cctgattcca ttcaacgtga tggcattcct cgtcctccct ctgcgatgaa 60  
ttcaggcatc tacaggccag gagacgacct gggtcgtccc atcaacgggt ccaagtctgc 120  
catcaagaga ccccttggcc gagacgttaa cgaggaagga ccttccagac cccacctag 180  
ccgtggctct cagtaccaag cgaaggatgc caagcgtcgc cgaacaagtg atgattttgc 240  
cgatgagctg gatatggaac agcctcccaa tatcaaggga cctcccgttc gtccatccag 300  
cgcttttaag aaggacctgc aggtgaagag cttggccagc ggctacaccc aagccagtgc 360  
acataacctt ttcaagacca acattgctca aagtcacatg aaggagggtg accctatgga 420  
catggcgcag atccacaagg gaactattcc ctttgcctcc aaccccaacc ctgcaggacc 480  
tgcatacaag acaccgggac 500

<210> 2422  
<211> 339  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(339)  
<223> n = A,T,C or G

<400> 2422  
tcttgettca cctattttcc ctttccctct cttttctctt tctttttttt gcttttttcc 60  
tctttttttg tgcgactcgg gtttccttgc cccctttttc gctctcttcg tcttttttca 120  
ttggggaggat tcaactccat cccctccccc cccacttggc aaaaagtcgc ggccaacacc 180  
cacaatcatg tctgctctcg aagccaanat cgtcgtcctc ggcgctcaag gcgttgggaa 240  
nacatccctg gttatganat actgtaaaag cgttttcaac cctgctcana tcaattccac 300  
cgtngggcgc agcttctctna caaagcggcc gggtttttc 339

<210> 2423  
<211> 606  
<212> DNA  
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(606)
<223> n = A,T,C or G

<400> 2423
ggaacggccc gtgctacttt cgaattttca tcanaacaaa tggcagacac gccagacaat      60
gggcaagact cgaatttcatt gaggagtgtt ggaggggggat ccatagaccg ggctatggca      120
gcgacaagac tcaccgcctc gtccctcatcc aacattttcca attacgcctc tagcgtctca      180
agcgacaacc agagccagag tcacgcccac agccagaatc tgacagggag tgggaagcggg      240
agtgggggtn ttccctggaac ccccgtaggc cgacgctcag gtggatggga tcggcaaaact      300
ctttcccggc cgccgctgca aggggtgccac acgatgattc tccaatgaan acttgctctt      360
atnatcaaac agtctgnggc ctacanogaa ctgtggaana ctttncgatt ttcanatnat      420
atgttcgctt ataaccatta aaaactgngt cacgctcaaa cgtttttttna atntatggca      480
aaaattaact aaattttttt tcgttacggc ctttccaaca ccnggaaaac aaatanaaat      540
gttttcacnc ctgcntttca tgtttnaagg aaactttttt ttcttttacc anacaaaang      600
gacattg                                           606

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<210> 2424
<211> 641
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(641)
<223> n = A,T,C or G

<400> 2424
tttatgccgt caaagccggt cttegcgcgc ctcttttgctt gtcanaaaatt ttctgtcttg      60
tttcagggat tggcgtcgta tcgtatcgac cgggtgtgagg cttcacatga naaccggagg      120
taggtggggg ctgtaaaaag ccgtcatcgg ccaaaaacgtc cgagttcagg ctctttgcca      180
caccatgtca cgtccactcc cacgctcacg atccccacgga ccaatacgtg gcgtattcag      240
ggtctacatc gaccatttgc agcagcgagc agtaacttga tccctttggt gaatttcctt      300
cctctatgct aagtgcctcc ggtactaaga ctctctgcgc cgaccccttg cccgggagtg      360
gccagaccta gagagttcgc caagaccacc tctcgacggt ttgttcatgt caatcttacc      420
tgatcctttt cccacgggca tcgcatacct ttcgtctaata tccgcgcttc gttaccggga      480
atccctgggt agctctgcat cacattaaaa gaaaaacttt cattttctcc gaccgggcat      540
taacacttcg ntttgcacan gcnaaactgg gggangaatg gagatacaat gctctcaacc      600
gaaaaaaagc gttcaagtaa aacaacaaat gggccgagaa g                                           641

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<210> 2425
<211> 296
<212> DNA
<213> Fusarium venenatum

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<400> 2425
tacgagcacg agtacaagtt ccggattgcc tcggtcttgc ccagggaggt gtacgagccc      60
agcacgacgg tgacaatggg agagaaaatc ggaagatcag gaaatttgat tgtggaggac      120
atctcaactgg actcggaaga tgattcagac gacgacgttg atgacgaaga cgaggaggcg      180
gaggtgtgtt atagaaaaaa gcccgtgagg gatgagtagg tggttgtcta ttacgttagat      240
tttgtaaaaa cgggtccaaga tgccagcttt ttgataagaa gtaaatgcgt ttttgc      296

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<210> 2426
<211> 785
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature

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<222> (1)...(785)

<223> n = A,T,C or G

<400> 2426

gagtccttcgt	cgaacgatag	cagggcctgc	cactcctttg	tttgcgtgtc	tagtacatag	60
cagtcaccctc	cttcaaaaacc	aaaactctaa	agccaagact	tccgggttgaa	ccgttgatat	120
atctcacgac	ttccctcaaa	atctcatctc	catctgatct	gatttactta	cctaccgcaa	180
catcaattca	agtcgtcctt	ccttcgggtc	atccttctgt	cactcctttc	gtcgttgaac	240
gaccaccatt	gttcaaccac	accaaaccaa	agctttttct	cgagactcct	tgacggaatc	300
tcaaattcaa	cagtgtctgc	atccgtctcat	cagactgggt	ctgaatcaca	tccgatacca	360
acagacaaca	cactaaagt	caccaaattt	ccactcgtgc	ctcttcacccg	atcatcatga	420
agacatcttt	gtttatgggc	ggcgctagcg	ccattctggc	ttcgggcagt	cccattggaa	480
acgcttttca	ggagcgtgcc	atggagacca	aatgggtcta	cgaagggtgt	cactgggtgt	540
gtcactgaag	gtgctgagcc	caagaagggtg	ntnacaccgc	cctgnctacg	aggccccag	600
gtcctcaagg	tcancaggga	agtgtcaagg	ncgtcaaggga	gcagcccgc	tctggtcctg	660
ttgtttgtcaa	gggggagggt	tctgggtttg	tctgtcaanga	ggaacctgct	nagcctnaaa	720
gtcgcactgt	ctgggtcgac	cttaacctac	cttcaagggt	gtcaaaggag	tcagcgagga	780
gaaag						785

<210> 2427

<211> 549

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(549)

<223> n = A,T,C or G

<400> 2427

caacctagtt	caacaactac	aatgcanaaa	ctcttttcac	tcttcgctgg	agccatcttg	60
gccactacca	ctcccgttca	agcctttccg	tccttggggc	gactcagccc	ccgagacgtn	120
tttgttcctt	cgacaacatg	caaagatttt	gtcgttggaa	atgacttgaa	gttttacggc	180
caggtctgtg	tgggcatact	tgacggcatg	gtgaccgtga	cctaccgggt	tttgacaacc	240
ggcacatact	ccgacatcca	tgtctacatc	ggcacaacca	tgcccaccga	aacctccctt	300
ggccagctcc	catacactct	cggaataaaa	gcctgctccc	tttccacana	caaaacttcc	360
gctacttgcc	gaatccctgt	ccaanactcg	nggcgtgcgt	gcgatatgaa	gctntacatt	420
gctacacatg	cctttttcac	cggaaggaca	gggtggggaa	caggtccttg	ttccggaaat	480
taaacgggac	tgngccaaaat	ttggnntttta	anaccaatgc	cgggcccagg	gntatnaatt	540
tnaaccat						549

<210> 2428

<211> 103

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(103)

<223> n = A,T,C or G

<400> 2428

ttctctttnaa	tnaattatag	tcctttntca	tcatttnttc	tatatntttn	aaactctctc	60
antaaatcaa	antcnattct	ttccctcttn	tnccctact	aaa		103

<210> 2429

<211> 474

<212> DNA

<213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(474)  
 <223> n = A,T,C or G  
  
 <400> 2429  
 nccccaancc caaagggtan centgaaaaa tggcnntatg aaatntgggt tttttccgac 60  
 naccgcgttg tctacnccat tcatggaggg tcccatggcc ggccgaataa ctaccagacc 120  
 gtcgctacca tgggtggtecg tccagaaaag ttttgnagat cactggctan aaaagctgga 180  
 ccattgttcc tgggtgtacac atcnccaata aancatngcg gatgctaggn ttttcaaggc 240  
 catgggacat gcgangatgc cacggngata acgaaacctt aaagaattca atagatggaa 300  
 gagcttnttt cttggaaaagc agacagagan gttatctgac ggacangcca tatnttgagg 360  
 tttnagggca nggtgacttg aanccatnac gagtcggatc cacatttgat tctccttgga 420  
 tttntaatg gtcanagaat tgacccaagc ttttttngac ggaactgaa taat 474

<210> 2430  
 <211> 285  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(285)  
 <223> n = A,T,C or G  
  
 <400> 2430  
 tegtgaagct ttctcccttt gcccccaagt ttagccctat caggteccagt ttaaaacggt 60  
 tttacattgg tgcattaaac ggagaaaact gtcttgtttc cagttgatta ttagtgatca 120  
 aatctttaga gngatcgaga atgctacagt agcacagcat aaacttgacg ggctttgaaa 180  
 ctacttctaa ttaaaaccta tacatctcga tgtttgacaa gccctttctg gcaacggaaa 240  
 nottgaagc agatagataa atcccaccaa tgtttcttct tatcc 285

<210> 2431  
 <211> 205  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(205)  
 <223> n = A,T,C or G  
  
 <400> 2431  
 aaaggattct gctaccgcca cagtatctgg ccgagaaaca cagqaaqatg tcttcgaaa 60  
 tgcgatgct atgatcacc gaatgcgtgg cctgaagcgt aagctcatta caagtgcctgc 120  
 tgaggaaagc tcttttgcac acccaaactg ngggccggat cgccaactng acgaactaaa 180  
 caaaaangga ttnccgggga agaag 205

<210> 2432  
 <211> 437  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(437)  
 <223> n = A,T,C or G  
  
 <400> 2432  
 agttcctctc gttggccccg atggtcaaac ccagggtacc agcggtgaaa gctctcacca 60

acggccatgc	tgagaaatcc	taccccactt	gccaacgggtg	tgcattgctga	ggcatctcag	120
gtcactgagt	cttgaccttc	tttgcaaaat	agagacntcg	cttatgatgg	ggatacgggg	180
cctgcatttc	cctgtgatgt	agtatgagge	atatcccaga	nagttttccc	cacaccttga	240
tctgggtcga	tacgaattta	cgcgccccag	atttttaaaat	gttttttatg	atttcatttt	300
tttttcgctt	ccaacccatc	attggcccag	acctctgtca	attgcgtttg	ggtttttttg	360
tttgttcttt	tttgggaagg	ggttcacgaa	cccacaacac	ctgggtgtat	ctattacttg	420
acggggtctt	ctaccaa					437

<210> 2433

<211> 423

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(423)

<223> n = A,T,C or G

<400> 2433

attgaccaat	cgactactcg	ttgactcaag	ctctcagaca	atatgcgtct	cagccttctc	60
cccttgatcg	cctttgttgg	ctgtgctttc	gcatctggag	atacaatctc	tacagccatc	120
gacaacatct	ccaatgccac	tttggtctcg	gacaagtccg	tgacaaactg	gcctcagaca	180
cttgctcggag	cactcccat	taccacaaaa	tcaacattgc	tgctcactgc	gatccacgac	240
ggtactcttg	ccgttcgcaa	gtctgaggct	tttatccgtc	gacgagactt	ttcaagttn	300
ccaagggcca	cttcaagaag	ttggacccaa	agaacgtcaa	ggcgccacaa	atcggaanaac	360
cattttattgg	ccggccaagg	ccccaaagtt	ttcgaacnaa	aactggatgg	gncaagcccc	420
ttg						423

<210> 2434

<211> 563

<212> DNA

<213> *Fusarium venenatum*

<400> 2434

aaattttcttc	tcaactcacc	tgatataatg	agtgaatggt	attattacac	atgtttcttcc	60
ccacgagaac	cccgcggtgc	gggggagaaa	gctcgtagca	gcgaatctat	tcccgtgcc	120
ttcccagctc	atcgtagctc	atgtcggttc	aattaacacc	atatatagtg	cagggtcggt	180
ttgaggctct	caacatgtcg	tatccaacat	caccaatggt	gagttgcac	tccgctcaac	240
gtcgccacgt	gtaacatagg	tatcgtagca	tttattctca	ctgataacta	agaacactcg	300
acgtatttat	tcacccacct	ctcagtcatt	ttattcattg	atatcattca	tcattggccac	360
gaaactagca	aaagacatca	ccctcaagag	ctcatccact	actatgccaa	aactcatcta	420
cggtcagcat	ggaagaagga	agagtcagct	gacctgtgca	tactgctctg	cgatatgggt	480
tcccggggggt	cgacacagct	ggccagccca	agcattacaa	cgaagaagggt	gtagggcaag	540
gtgtacaaag	agctatcaga	gac				563

<210> 2435

<211> 625

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(625)

<223> n = A,T,C or G

<400> 2435

tttttagttgc	caaaacttacc	acagtcgctc	attaagatgg	ttcaactcaaa	catgatccta	60
ggctctcttg	gccttttctg	tcttgagct	agcgctggac	catgccgtcc	caccgatacg	120
actaccactg	tcataactga	cttgaccacc	gcaaccgcga	cagcaacaac	tgcccccgctc	180
acaacaagca	gtgctgtccc	ggaaggagaa	ccagcatgca	gtatcgaaa	tcacacaatat	240

ggccctactg	gtgaatacga	ggattactgc	gacagcttca	acggcagtac	aacacccatc	300
gggggcatat	tacctctcca	attctctctc	tgaatgcctg	gatcactgcg	acaaagctcg	360
cctgggttg	tgggcgtaaa	ctacatcacg	accaatgtac	ctaattgcac	catctgggct	420
tcacgctgga	agatttggtg	aactgaacgg	tgtcatttag	gcgaaacgcg	tcgttgcaac	480
gactctggaa	cccactgcgc	cttgatgang	angatgangt	aatttttcng	gtgccaactt	540
atcacnggca	cgaaaaaaat	gctncattta	caaggactgg	atatctgggt	ttcataatct	600
gcacatcaat	atgcacaacg	aaccn				625

<210> 2436

<211> 382

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(382)

<223> n = A,T,C or G

<400> 2436

tggcgagaac	caattcgcaa	ctgggtcaagg	agttttattga	aggctacaag	tcggtatgct	60
catgggtgga	acctacagcc	ggtacgaccc	ctttcgttcg	atttaacatt	aagaatggcg	120
aacctgttaa	cgacgtcaac	ttttgcttgg	acctggttgcg	gaagaacaac	gtgttgcttg	180
tggcgggttc	aaagtgttcc	ggtgacaaca	aggacttcaa	aggctatgta	agaatgggat	240
accgtttgtg	agactgatgt	tctggcagag	ggattgaagt	gattgggaac	ctatatcgag	300
ttaaacctgt	tgtaactaga	ctaataagtg	caaaggtcag	tacataggtg	gcaaagtaac	360
ttagtaccga	tattgcgcen	aa				382

<210> 2437

<211> 649

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(649)

<223> n = A,T,C or G

<400> 2437

gtagggcctt	tggggccacac	agaagaactg	ccaccttaca	caagataccc	agacaacgcc	60
tatgtgcccc	ggccaaccgc	acaagcacct	gtttccccag	tatctcctgt	gtcggaacca	120
tcctcccca	ttagagaagg	accagttgct	caaatacccc	gtgccgggtg	aatttggaatc	180
gcaactcgcg	accccgagtt	ctcttcgact	gatgacgacc	tggctttgcc	gaggacccgg	240
ctttctgtga	gaagcgccaa	ctcttcagac	aacaagttna	catgacatca	atagtgtgc	300
cgttggacll	tctgagaaac	ctcccgtaaa	caaatggcaa	cggcqqqcta	agaagaagct	360
atgcgggata	cgtgccttac	tgggccatat	gtctcctgnt	tgggtggctta	ttctgatggg	420
tattattaag	ggtgctngga	ttgggacgat	gctactaaaa	atnaaccact	tcgcccctga	480
cgttgacgat	aacaaatttt	atancttcta	cttcaacaac	atattaacct	tgaaattttg	540
aaattatacc	ttagcgattt	accacccatg	ggaaacaagg	ccgttttggc	ctttccaaca	600
ttgaccctta	gccccaaagg	atataagggg	ttggttttta	tgaaacaat		649

<210> 2438

<211> 504

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(504)

<223> n = A,T,C or G

```

<400> 2438
tcctggaaga ccttggtctca tctacgaaag taagttaacg actaagctga agataaaactt      60
gctgactcga tatagtcgcg aatccgaact gctgggcgac tccaagttcc caaatcacgg      120
tatacagaag tataaggacg acagtattcg actagtgcag tacttgatc agacctattg      180
tgcactaaac ctaacaaacc ctacggaccg ctccaaggcc ctctgggat tggaaagtcg      240
tctgggcccgc acattccggt caccgggcagt atatggtctt ctatcggtt actttgagag      300
attacttctt tggcaacgcg accaagtttc ccccatggaa aatataccat atccaaaagg      360
tcagactggt ccttcgtggt catggatgtc tttcatggga aagatcaact atcangatgc      420
cccgtttggc aaagtaaatt ggactggaga tgtggagaac cctttcattt ctcaggatta      480
tggtcactgg gaccgaaggt tgca                                     504

```

<210> 2439

<211> 444

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(444)

<223> n = A,T,C or G

```

<400> 2439
attacaccat acaaatactc tcaccaaaaac taccaacact accaacacaa ccacttcaca      60
ataaacaaaa tggttcctac tgctgcttcc tctcatctcg gccctaaggt cctccctatc      120
atcttgactg ttggaggcgc taccgttgca agcgtttcta tcgtcaacgc aaacaaatat      180
cgagagccgg ttcgagcaaa gccattccaa agtggtcctg ctcaaccccg atcacaatac      240
tttgaaaagg tcttagaatc aatctttgca tagaatgttg aagggttaaag gataatgaat      300
tatgatgggc ggcgtattta tgttttggcg ttcttgtagc cactctcgaa tttgctttta      360
tcaataaatt catataaaaa tcacnaaagg ttcttcaagc gaaacaattg ctggcctgcc      420
tataccgata agcaggttca gggt                                     444

```

<210> 2440

<211> 451

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(451)

<223> n = A,T,C or G

```

<400> 2440
ntaaaattag caaacgggtn ntttttttnn ccagtccean aacaaccatt ttttacgagc      60
aacacccaaa taccaatcac ctgcanaaga cccaaagagc cctcccacca agacgacgat      120
gccgaagcat acctcgagca gagtgaacag caccaggatc atgattatcg tcttcttaca      180
agcttgagga ataacatggg cttttataac aagatcgatg cgagggtgac ggggcaccaa      240
cttatgaacc cgacgcttct tgaactccct cgcaatggga acagtaccca cgactttttg      300
gtcctcgcgc ggcaccccca cgtattttaa aagatcaagg gcaaacgata caaactcgct      360
cgacagggtg cgacggttgc gaacottaca tacaacaatc tttggccgtc cagtgtctga      420
aacggggcgag tggtcgagaa ttnttggtca a                                     451

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<210> 2441

<211> 935

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(935)

<223> n = A,T,C or G

```

<400> 2441
ccccaaactgg gttggaggcc acgcgcagag acttagggat gggctaaatg gtaacgcccc 60
agttcaagcc gctacccatg aggccaaaca catctcagcg acaccgttcg atctttcagc 120
gcaaaacttc ccttatcccg gtcaggcccc tttgggtcca tcaacgcccc cagtcgtaga 180
caacgctgtc gccaatatgg atgtcagcct cttcgaagac tgggaaccatc aaggcaacga 240
gatgtggtat cttcctcctg ggccggcctt cttccagaat gttgagaatc cctccgttgc 300
aatgggtccc gagggcggtta atgtcggcgg cctcgatctc ctcgagtaca tggccatgga 360
tcctttctcag ttccctggat tagatccctc ttctcgccct ccgacaagcc acgcttaatt 420
aaactgtctt ggtcctttca tcctcgattt ggggtcaaaag tcttcggttg cacataatta 480
tcaacatata cgacagatat gctgacctca ggtgacggct atctggttat ggttttcttt 540
cggttttacaa ggtgatctac ggttggaaac cactggcaga aacccatgaa gacaatgact 600
acaacangga ngggggatta tctgaacgtc aatgcacccg tttttggaaa cagaaatggg 660
ggcatagtga aagaacgacc atacacttgt tgcagcggtg gcagtgagga gtttgtcgaa 720
tggcaaaaag ccacgggcaaa aataacagaa catattcagg gcgttgggtta catactatct 780
agcttctatt tggagggcga catggaaaca tcatacaay ttcggtttg ggtttgaagt 840
tcagttgcat agtctgcagg atcgacaatg gcagaatcat tatgatgata cgaaagatta 900
gaaaagtctt aaaaaaatat aaaaactctt agaac 935

```

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<210> 2442
<211> 466
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(466)
<223> n = A,T,C or G

```

```

<400> 2442
ntttcacaca atgtctgata ttatcgccct gntgggtccct acggcacgta actntctggc 60
cganaaaaaca gccacccctc cctccaacat ntttcgcacc gtccaaatat cctcctctcc 120
aacactctcc tcacgcctcc caaatctcct ggctagtcgc ccaaccctgt ccatcaagct 180
atnattegac tcacccccca agcgcgccgg ctctttcgtt ntgggctctg acccttccac 240
gtgcgacatc atncttccca ccatgccggg catcgacgca cggcactgcg agttgagctt 300
cgatgctgag ggacgtcttg tgctcaacga ctattcacag gctggtaccc aggtctggta 360
tgactgggan aacaacggcg accaaaaccg actattngtg gatcttgagc ccgggcgcgg 420
aacatgggtt tncgaatatg gngcagccca tcacgggtga tattca 466

```

```

<210> 2443
<211> 350
<212> DNA
<213> Fusarium venenatum

```

```

<400> 2443
ctcttttgaa ttcagggtcg gacctcggga atgggtggtat gtgtgtctgc ataactctgt 60
aatgactatg gcggtaaggg gattgagaag ttgaggggtt tggcgttacg gaatgggtctg 120
ggttcaatcg gctggcgaga atttgaaaag tagcaaccag ggccacaaga ggaggggtat 180
gatttgattt cgaatgtgtt taggcccttg aagggtcgat tgtacgcctg actatttatg 240
catctctggt cgtgggttggg gggctttttc tgggataaca aaaaaggagg atgactagat 300
atcagggttag ccaglatgaa atattataat catttatctt aaaaaaaata 350

```

```

<210> 2444
<211> 350
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(350)

```



<223> n = A,T,C or G

<400> 2444

acaatttccc	gttggttgc	agtctcacat	cgcactgcgg	gagagcatta	tcaacagcgc	60
cagcttttgc	aaggcgcatt	cacaagttgg	tgtaaatac	gtcgatgaga	aggtaacaga	120
cgcgagagag	gcagttgagg	gctgggttca	gaagggcaaa	taaagggttt	aaaaaagcaa	180
gctgagaaga	gatgtactat	cacatagagt	tccgaacact	gttcatttgt	atcaatagcc	240
ggccccgctt	agagccggct	accggagcgc	tgtatgtatt	ttgaataagc	agggttttgg	300
tgtaaaatac	cacaccattg	cctgctattt	attgtttaan	aaaaaanaaa		350

<210> 2445

<211> 331

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc feature

<222> (1)...(331)

<223> n = A,T,C or G

<400> 2445

cgaagccgca	atatcttaat	gatgacgatg	tgctgtcaac	tttggtgcag	ggggaggatg	60
attacctcgg	ccttgatcac	gtagatagaa	caaagacact	gaggaacggc	gttggggacc	120
tattccttcg	ataaaagggtg	ctagcagagg	aggactttgt	cgttcnaagc	atgtaaagtt	180
tgaaggcaat	atgtgtcgtn	aacgatatga	cagacacgag	tatacatcat	ttgcctatgg	240
tgcgagggtg	ccaaaagcac	catacatnaa	ngaagtccag	catcggcngt	tatcctttga	300
tcggcgaacy	cgtagttgna	aagagaataa	a			331

<210> 2446

<211> 558

<212> DNA

<213> *Fusarium venenatum*

<400> 2446

attcaaaaatg	tggagcaatc	ccaaccccc	caaagacata	gcaccatcac	gacacccctt	60
ccccagagc	agtttttacc	cgactgtcgt	ttaccccc	atccccatga	tatcacaccc	120
ataccgcgtc	tttttaatgt	atctggaagg	ttataagagg	gaaatcatac	tccctcaaaa	180
tacaggccct	atggtagctt	gaaagctcca	gcctgagtga	agaagtgagg	cgagagcgga	240
gtcagtgagg	gcgtctggct	tctcggtcac	aaatgcagaa	gctacaaaacc	gacgagttta	300
cgtgtgtacg	caggagacat	catgatgggt	gggtgttcagg	cacatgggac	tcgcgcagga	360
ctatcgccaa	agctcaaggc	agcgtcaatt	gaggacgggg	tgccctggga	agcctatgct	420
agtgcacacg	gacttctgag	atgggtgaagc	tcgaaattac	ggaatttact	gccaaagtgt	480
ggtgaatctg	gttcaaaaat	agccaggaac	cgtaatcaaa	gttgtaaaaa	aaaagaataa	540
caggagtggg	tgcacctc					558

<210> 2447

<211> 487

<212> DNA

<213> *Fusarium venenatum*

<400> 2447

gaattttttt	ttttttttt	ttaacgatga	aagacgtttt	ggtcgattgt	gaaagggcag	60
ctaaactcgc	ttgcatttta	gtgtacaagc	ctgtgtataa	aacatgttcc	tagtgaacgc	120
cttgattatc	cccataacca	tgatattccc	tcgtgtcaaa	gcaaaaaatt	cgttatccct	180
ccatcacccc	aagcgcttag	ttgcgctcgc	ctcggaggcg	gcgggcaagc	tggatatcc	240
tgctctgaat	tatttatgtg	gttgcgcttc	ctatcgacgg	tqccaaacatt	acagtttgcg	300
gtgagagcag	caggttcgtc	tttcaggaca	tcactgaaga	ggtggatrrt	atgatctccc	360
ccgagagcaa	ggacgaagcg	catgaggaaa	tttaaaaggc	ccaacagtaa	gaggytggtg	420
tttatgtcac	atgaaatata	actatataat	tacatcccaa	ccaatattga	gttattatgt	480
attgctg						487

<210> 2448  
 <211> 347  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(347)  
 <223> n = A,T,C or G

<400> 2448  
 caagacaaac cacaggtaga gagccaacac tgggcttccc tttcttccat acttggttgt 60  
 ctttgtctct tttccggcat aattttgcgg gttcgcgggc tgttcggttt gccagggagt 120  
 tagggcgcat gggaaaaatg aactgtggtt ccgtnctgn gtgcgtgctg acgtacgtac 180  
 atgcttgaca aagaacaaca aactttacgt ggtgtgcgt tcgttgcctg gagaatctct 240  
 gtccgagttg agctagatag tagatatcac ggcgcttct tgaagagtac tagaaagggg 300  
 ctgcacaact tttcttctt ttttaacaga tatgattta tgaaata 347

<210> 2449  
 <211> 102  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(102)  
 <223> n = A,T,C or G

<400> 2449  
 ntngttgggc atantaaaaa agcattattg gatnggcttt ngaaaaaaa aaaataattg 60  
 ctgngtcogn cctnttacta taagggcna atngcctaaa gg 102

<210> 2450  
 <211> 542  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(542)  
 <223> n = A,T,C or G

<400> 2450  
 tttttttttt ttttgnnaaa caaaaatnaa tccccttggc cggaaattcc aaaaaaacia 60  
 ctaaaaagat aactacatat acaacccaaa gataatctta caacttggcg ttgggggaagt 120  
 tcttcacatg ctgtctcaca ccaagatntc ccaagacctc ctccggcacca ccgagaatgg 180  
 atcaaacctg taggttctgt ggaacatctc gatgaacttg ccataaccgg tctgggggat 240  
 tccacgacca cccaagattg gcaccgactc gtcggcgacc tcgtaaccgg cacgggttgc 300  
 gctcatctta agaaggccca ataggaccgc caaggtcctg ggcttgctgg ctgtagggca 360  
 tggggcagat ttaattatgc acggttttga gcaaggaact ggtgggcttc gaggangggg 420  
 atcctcctga caagtttttg tccatgacgg gctggcaatt agcgactgca aaataactga 480  
 cntgggttggc caattgagan atcctcgaca agcttcttga aagacgaana ctcanaacat 540  
 gg 542

<210> 2451  
 <211> 387  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(387)  
 <223> n = A,T,C or G

<400> 2451  
 gtgacnaggt tngttganag tgagtgantg agtganagtg agtggtgagg taagatgaga 60  
 cgatgttttaa aagctgntgc ggtccacntc anategagtg ttctcnaggt ctctcttgtg 120  
 aaagacaatn ccacnacgct tncatcctnc gcgtcggata aagttgtcna cgctgtcnag 180  
 anategcata ggangtcgct tgggtgcaag accaggtcgg gtagtatact ttgacggtag 240  
 acttgcgctt attacgaana gatgtgatgg ccccttttct tgtagtctgc gtataatgcg 300  
 tgcctagggg tagaagccga ggttgacata caaatacttt tttactttnc gcttagaatt 360  
 gttnaaatca aacgagttga tgaccaaa 387

<210> 2452  
 <211> 1005  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(1005)  
 <223> n = A,T,C or G

<400> 2452  
 gtctttctcca agccagggac gccgaaacct ggccgaagca ctgcgcagca tgcgatcaaa 60  
 caaacagAAC gatgcagcgc atgttttacac gcgatctctc ntttgggacc agatcccccA 120  
 cgatgtcgtg cgcaacttcg cnaaaatggt gtccgaatgc aacagcgcag aatgagcagc 180  
 aatgcaatga aatgagaaca tgaacgacga aacgaatcca agactgaaaa gaatatcgca 240  
 acgacgaatt caccgntttc atagcccccc actgatctac atcaaccccc atttcccttg 300  
 tacatttttt cttttgtcct acccttccct gaagtcggct ttttcccttc ctctataaccg 360  
 gggatgagct gccatatact cgatgtcgtc ctgcgcgact tcagacatgt tgctcacgca 420  
 cccaaacgga tgggtctctg tcttccagtt ggcgcttctt gngtttttcc tatttcggag 480  
 tcgttttttg tttcctatgg atctagcaag cgagcgtgca ttgatttggt ttgggnggat 540  
 tttggcttgn ctcgaaattg gatacctntt tttntttggg taaaggcatg gttggnggtg 600  
 gatgtggtgg cacttngggg tcnaaagcan cgggnaaaca gaagcccgca gaaagcaatc 660  
 agactctatg agggcccagt ccatcagagt ctgtatatta tcacggngca tgaagggagg 720  
 caggatgggt attncccttt ngggttttct tttttgttat ggagatggaa attggcatac 780  
 gtcgagagac gacaatgact ggaatgggtc atgatgacaa aaaaacgagc tcgcggngat 840  
 cattttattg tttattttgg aattttattc attctcttta ncaacctcca tcccaggng 900  
 gtctgggtctg ttggaccata tttatgatga catggatgat attgagatag tatttacnnc 960  
 gggaaatatt gaacccgaaa aaatttgatt tctctcatat cggat 1005

<210> 2453  
 <211> 468  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(468)  
 <223> n = A,T,C or G

<400> 2453  
 tttttctcct ttcatatcac tcggttccca ctctcttacc cgcattgcat attttgacac 60  
 ttgtccaaat gaattattga aacatcagtc gataatagga actatatcat ctgtcgaggt 120  
 gaagtttggg ttagctatta ttatcctgtc ttcaaaacgc ccgaactaac aatagcttcc 180  
 ctaccctgcc tactgtggac ttgaacctg atctgcttga gtggagaggg accactgaat 240  
 tacattttac gaatatctgc gaaaacctgg ggaagttgaa actgcgcgtt cggatacgcg 300  
 gagttaccca aaacggaatt tccaaagctn cttcaaaatg agcaaagacg accagaactc 360

tccagagtcc	cataatcaac	accatcccoct	cacgcgtgaa	ccgacacgag	aaganaagac	420
ccgggaggcc	atagccgagg	gccacgatgc	cgacatcccc	agcaacat		468

<210> 2454  
 <211> 751  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(751)  
 <223> n = A,T,C or G

<400> 2454	
cacaagtcca ccaacaccga gtttcagtct tatcagcgcg tctgactcgg acggcttgaa	60
cgatcgagaa ggtagtttct ggaatctaag cagatggaga agtaccocgtc agagcaaccg	120
tctctcttcc gttttgtcga gtcccaacgg atctccgaac ccgggccaaa gtctgtcagg	180
gagcgacttc ctccagcgta aggaacgggtc atcccaaaagg atgagtcctg gtatgaatga	240
ctcaaagcct agtcgcgagg aggtaaccaa ccgacggaga tcagcagggc ctcggttgac	300
atcgagattg tcggtgcagg gcgatagcaa aagtttggtt gaagaggaag tcgatacacc	360
cgagcagata accccgacta agaagcgggt ggattctggc gttggacgta taagtgcga	420
gtcggcgact tctattcagc cataacattg aatgatggtt tggagttggt tgatattaac	480
agtatacaaa ggggttggcc gtttttggtt gttagtctat tttaggctca ggccgtatac	540
catttgagga ggcgtctgat ggagtatcgg tgcgcaacac atggtaccat agcacacttg	600
gttttttttt tttttttcga agaggagcaa canaaaattnt ggttaggagg aggattgaaa	660
aaggtggttg ataagaggac ttctncagaa ngcgagaang agtatgatga ccggtatgag	720
atccgagatt ccagcaaaaa gatacgttct c	751

<210> 2455  
 <211> 569  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(569)  
 <223> n = A,T,C or G

<400> 2455	
aaaacatctg atctttcaag tatcacccaa ctttcttgat cagtagcaaa caatcactac	60
caactatcaa tcattcttct cgactaaaca caacaaaaat cattcacaat gtcgtccact	120
gagggcatga tcaacggcgg aagctcatcc gcaaaggctc ccgctcccgc ctacgctccc	180
gagcatabgc atgcacctac cgaaggcaat ggaggtttcg tttctcagaa caagatgtcc	240
gtcgagccgc ccaagaagga agatctccag cgcaagtatg cqactqttgt tgaacacgag	300
gcgggtacca acgactggta cggaggcatg atgaacgttc tcggaggtat cgtcggaacc	360
atgggtgcta ttccctgctg catcatttgt cccaaccett acaaggaatc caccagggca	420
acgtttgggt cgtcaccaag ttcggaatat tctacaaggc tgttgacccc ggtctgggta	480
agatcaacct ctccagcgana aacttctcca gatcgatgtc aagatcagaa caccgaantc	540
ccagaacana ttgcatgacc aaggacatg	569

<210> 2456  
 <211> 677  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(677)  
 <223> n = A,T,C or G

```

<400> 2456
angtaaggca ntggagntga tgggtgcatgc nanaagaact ccgagcggtt gattgctcac      60
ttcatcttca ctatctacta tcttgatatt tcttcagcaa caatcacang tctgaccact      120
gatatgtatg caaacatgag gctcttcagg ccaagagtaa tgcgcatccg cccaaggtag      180
atctatcatc atggcaacat caagattgca atgcacgaag agaacgttga aacagtcaag      240
gaacagataa ctgcaatcag tgtgtttcca gacacctgag gttttttgaa caaccagaaa      300
cgctatattg gtataaacat tctatataca ggatctcaag tatgcgatta ttgatcccta      360
attactccag ctgttccaag actagcttca aacaaaatca tgatattcgt gtcacatttt      420
gacgtcgcac aatctctcca aattaagcca tgatataggc aaggccaatg gcagcaacaa      480
caccagcgaa gggagctccg agagtaccag ctgcgatgtc ggaaacctcc ttgctgcccc      540
aagacttgcc agagtccttg tagtcactat catctgcgtc ggnatcatca agagtcaaca      600
agcttgnac  caaangcttt tctggccagg ggtaacaccg gancttcagn tnttatgccc      660
nctccttgn  gtccegga

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<210> 2457
<211> 770
<212> DNA
<213> Fusarium venenatum

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```

<220>
<221> misc_feature
<222> (1)...(770)
<223> n = A,T,C or G

```

```

<400> 2457
cttcatatgt agggtttcaat tcagcctacg gctcatgcac agccacgcac agccacatac      60
tgtctgccaa ctcaaaccta ctctccactt agctgcaaac tcattctcca tcacggatcc      120
ctcccccttg ctagccgcgc ccattggttgg acttggtgcg gactacacaa gccaaagccaa      180
gatgggggaa gggaaacaaac aaaccagctt cgggacacgc cttgggttgg cttgaacact      240
tcgtcctccc ttcaaacatc cctgaatcat attcatcctg ctctctcctc ccacttatat      300
atacaactat ctctccctct cgcagttct tcttctctcg aaatacgcca ttcattgagt      360
tcccaccgct ctttgtaaac acgaaacaat gctttttgtc gcaaatactc ccgagtctta      420
tctcggtcga tcgattcaa aactcactga aggaacatgc cgtgggttga catccaacgg      480
aaaaccatgt cgcgcgccag tcgttcaaca aaaccccgca ccaaagaccg acaggcgcaa      540
acgtccgtga cccctgatcc acgccaatga aaagtctcta ctggtgggca gcctcgtgaa      600
caaagccaac atctcagcac aatctanccc tgggcgcgca cccaatgcga caccaatctt      660
tggaangncc tacgagcttg gatacgttga cngatagaat tggaatggn gggncgtgaac      720
gaaaaagaaa catgggaacn ggagaatgga tgggtcgnaa ccacaatcga      770

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<210> 2458
<211> 276
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(276)
<223> n = A,T,C or G

```

```

<400> 2458
nrgagtttca gggttacccct tttaaaaaaa nacccttntc ctttnttttg ggatntccan      60
agggatnttt ttgaaccccc cgggcccacg gatgggggath cccctggcca gggcctentt      120
gttgaaaaaa aaagtttccg ggaacttttc cccggggggc aanttngggg anaaaaaccc      180
gctcttnana cccccatttt ggcccngggc cgggctcgtt ttgggggnaa aaanggggtga      240
tttccccccc ggnaaangaa ttaaaacccc cttaac

```

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<210> 2459
<211> 589
<212> DNA
<213> Fusarium venenatum

```

<220>

<221> misc\_feature

<222> (1)...(589)

<223> n = A,T,C or G

<400> 2459

gacgtagtct	ctgcttacac	acacatgaca	gcaggcctaa	aaacttacgc	taacttggtta	60
ttgttgatta	tatttacagg	ggacagggct	tgatgcactg	gccacgcggg	agctggggag	120
ctctctccac	taactcgaaa	agatttcggc	gctgaagggt	tcagatcttg	gatcgtgtat	180
gggacgggag	tatgaacaat	gaacaagtc	aaggcgatcc	cgattctttc	ctggcaattt	240
ttgctggtta	gtctgtgcag	cagcagagtt	atcttcggta	caggacaaact	tgtagtacta	300
agactgctgc	tgccaatgtc	acacggatct	accagcccat	ctcgtgtaag	ccaatatcca	360
aaaggatgta	ttactgataa	tcgatttcgtc	cacaggtaac	cctgggtctat	agctcaataa	420
ttcccaaagc	agattaccgc	acgaacatgt	cagcaatgtc	tttccaaagtc	gagtctctgt	480
qgcgttttatt	ctctttccaa	aaatgaaaan	gatgcgcacc	tcaactaccc	ttcgggtccaa	540
cnatttcgaa	ccaagacatg	cagantccat	cgtcaagtcg	aaaaatgca		589

<210> 2460

<211> 594

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(594)

<223> n = A,T,C or G

<400> 2460

ttcaagcaac	aacagcagag	acaacaacgt	catgagcagg	aatggaatcg	cccccgagc	60
cagccctgac	aatttcgtcg	actagcgtat	gtgcagccct	catcgtcgcc	cgctgcatct	120
accgactggg	gtttcgatgt	cacatccacg	caacatgcca	tcgtcgctgg	cgcacgagc	180
actttttat	gaccatagcc	attctacctc	tgatcggtcg	cgcttctgtg	attctgtttt	240
cgttctacct	taaccggga	ccacacgtat	gatccagcga	cgcaagctga	ggcagatggc	300
tgggatgttg	gtgtgcaaga	tttgaatagc	gagagggagc	tttctcacia	gttactcatc	360
cctgcacgaa	tcttttatgc	attattttta	tgggtgcttg	aacttgggac	tgctggcctt	420
ttattccgc	ttcatcgatg	tctttcgttg	gggcaagtnt	gttacagatg	cgctttgggtg	480
gttcatcatg	gccacatttg	tcgcagtctt	tataacaatc	ctggcagaat	gccgccact	540
atctctaattg	tgggcgctca	attatgatgc	tagcaaagtt	gcattgcaccg	cgcc	594

<210> 2461

<211> 290

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(290)

<223> n = A,T,C or G

<400> 2461

aaaaaagtaa	aagttgagtt	tgggtgatggc	tctgattgaa	tgctgtccaa	gtgcttgaca	60
catgctaata	gtacgtttta	attgataaat	taaaaagtgg	tgtacaggtg	agtataatga	120
tattcttcgc	cggccttaaa	gtggaggtaa	atccttcata	ataattaaag	gaaacanggg	180
ggtgtagtaa	gaaaccgcta	ataaatgggt	cgggctctag	tgtattagtt	gacaatagtt	240
gagtqagatg	agatattcc	tgctcttgaa	ttgaagtttc	tttctgtttg		290

<210> 2462

<211> 562

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(562)

<223> n = A,T,C or G

<400> 2462

aaatcantca	agaatgactc	attccaacga	ccagaagatt	gccgagactc	aggccaacct	60
tntctctccc	gaccagcccc	ccactgcctc	tgactggcaa	gtccgctgac	gcccgtaacg	120
tcaacgttgg	cgccggcaag	gtcgagggct	cagttggcac	tgatgccccat	gcccagtcctg	180
gtctccgtga	gcccgcctacc	aagggcgagg	aggctgactt	gagcaatgtc	ggccgcgagg	240
gtgttcanaa	naaccagcaa	taagtgtctg	gcctgtntgt	acgatgttga	gagaaatgaa	300
aaggaaaggg	gacggagagc	gatattcgag	gaggttaatg	atacctacgt	ataatcaatg	360
aagcgaacta	taagcattga	aaaaaagcca	agacaccaat	gactgccgtg	tcaaccgggt	420
accncatttc	ncncnqaagt	ttttgtgttt	ttgtttgccc	aaccttggtt	ttcttttgat	480
acutlaccoc	cggngaatec	gcgcttcaaa	atttggacnc	cagatttctn	tgaacagggt	540
tggaccncca	atggcgatcc	ct				562

<210> 2463

<211> 112

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(112)

<223> n = A,T,C or G

<400> 2463

ncacacccng	cataaagccc	gnagccaata	caangggccac	cgacagcatn	caagaccccn	60
gcggnccacga	caanngagcg	cgacnncgac	cgcaangaca	cacaagcccc	cg	112

<210> 2464

<211> 620

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(620)

<223> n = A,T,C or G

<400> 2464

ttaaaagaca	ccaagaatca	aggggcgacc	tgtaccacca	gcaatgcaac	acgcgagcgc	60
gcacacagag	gggactggat	cgatatcaag	gggacttctt	tttcttccaa	ttcgagatac	120
ccattgttta	tttccatttg	gaatgacgcg	agcaagcgaa	gccaaagcta	tacggcgaga	180
agaaaggata	gcaacgaacg	aggagaggga	tcgacaggac	acggcgatta	ttatttttatc	240
gtttctggaat	ttttgtttcg	gagcttggat	atctttttga	cacttttact	ttttctttgt	300
cttctttttt	tgttactttt	gatttggacc	aaqcgcgtta	ggataacaaa	aagtgattcg	360
gatttagaac	ggaacagttt	tactacacgg	taattggagg	atctaangtc	tttaacggtc	420
ctcattgatg	gatgttttgg	aaagcaacgc	ccctcatgca	cttttlattt	anatgggtat	480
gaaganggta	ngaagttggg	ggagccaggg	aatatggctg	ggctattggg	tatccatacc	540
actttcaagt	tggatattat	tttggatcng	ggttttattt	taaatatatt	ggcaaaaaaa	600
atcgcaattt	tatttnccaa					620

<210> 2465

<211> 264

<212> DNA

<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(264)
<223> n = A,T,C or G

<400> 2465
ncgctaanaa catacctaaa atatcacaca gtgtcaccag gaggcctcgc aaggatagtg      60
cgaacgggat agagcccggg gcgtctcgga ctctgggtag tgtaaactag taattatttc      120
tttcttcaag catgatgaat ggaaactata cggcaagatg cgtggcgtgc gctcgaatgt      180
tattaggttg agtctcgagt ggggtgaagag caaacaatga tagaattgtc nctaccctaa      240
aaaaagaaaa aattcaaaaa aaaa                                     264

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<210> 2466
<211> 633
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(633)
<223> n = A,T,C or G

<400> 2466
cgccagcgtn ttaaccgaac ccacctaatc attccgcata cattctcaca cactacacct      60
gtctcactac caccaccttt aacagcatct tcccacctc gtctgtctca tcagggtggca      120
ttgacgtcac cgccggctac tggaccgact acgattcatg attgtgaccc tgcaagctga      180
agaagcacca tcaaagtcgt gcggaaacga ggggtagcac cacattatcc cggggtagga      240
gaagctagag ggcgatcgat gcatacctg ctgcggctta tttcacttac tggttcaaac      300
tgcaactcac acccagcacc cttgggctgg caccatcaa gtcattcttc aaccccgcta      360
ttatggatcc caaccagcga ttctaccata cttcttgaaa agtgnaacgg ttcttcaaga      420
cctnatcgat gggtaccgct attgccagtg ttggcggaga gcgccaggag gccattgate      480
acatctcggc tagcatcgna aagctacaga acgaggtgcg gatgctgaaa tatactcctt      540
cctatgatcg aaaccatact cagagctatc aaacttacaa gnaaagtgga cgagatntac      600
tngatgcnc c aagtcgaatt taattcgccg gca                                     633

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<210> 2467
<211> 633
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(633)
<223> n = A,T,C or G

<400> 2467
accaagcadc aagcttccct tctcccgctg tcactcgacc tctctgagct cggcagaate      60
tgcacatca tcaagcagtga caacgccagc aagttcaccc ccgaacgatg gcctttaact      120
aagaacgggc gaaggtcgaa ttaattcgac cttaccaaca cgntgcgtgc ttaacatgct      180
tggcaaatct cgcctttgct ccaagtnatc ttcaaaaggct tnaactggcna atccgnncgg      240
cgtttnttgg tgcgcgcgcg ntntcctgcc cttaaaacttt gaatacatto ggattggona      300
aagtgaanaa cgacacttgt acaaggtggc atgggtggtgc anaaattaac tgnnggggcat      360
gottcancaa acttnggttg aaatatgtng atgcaaggag caagggcaga aataccaaaag      420
tcggcaaat attctggaaa tggagcnggt cgtgatatat cgaacttgga agacncatcg      480
atgaacatga aggganaat cccgcgacct ccaanaaagg tgytgaatga aggaaggtga      540
atgtgantct taacatgatg atgaatgngg aaggattttt ttgcccgnn ttgggatctt      600
naattttggn aaggaggcna aaggaaaatg atg                                     633

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<210> 2468

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<211> 626  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(626)  
 <223> n = A,T,C or G

<400> 2468  
 catagctggg cctcctatatt aactgccaaa aagtgtgtaa gtcgcatcac tccccactgt 60  
 tacataaccga gtccaatccc atccattgca tttgctcttc aacggcgccg ctgtgttggc 120  
 gaccccactt taccgccgag gatttgcetca acaacgtcag taagctctca ctagccacct 180  
 cgagtgaact tgctggggga gcgattttct ggacaaagtc ttggtccgac gaggatgctc 240  
 gaaccaggct ggtctatagc ggagacaggg tggacaacat gatagagagc agagttgtga 300  
 gaggaagaga gactaacgca gagaccgaga gaaggtcaga gaagacataa cggccgcgga 360  
 gaaacgggag agcaccggg caacggagct cctgggaact tgaatcgggc tgaggtgtgc 420  
 ggtgaacgct cgtttctgca tgggatgate cctatcatct cactyyatgg tgcggcgcat 480  
 cgttcaacag tctcagccca ttcaacagtc ctggagggtc gtggaattct gnatacnggc 540  
 ccgtgactct cagctgattc gtaacggagc tgggtctctg ccaattgaga cgcagaatgc 600  
 tgcaagatga attagaaaaa aaaaaa 626

<210> 2469  
 <211> 355  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(355)  
 <223> n = A,T,C or G

<400> 2469  
 tgccaacgaa atcgacgttt ctaccgtgaa tgggtatctc gcagccggta tgggtcacttc 60  
 caacgtcggg gctaagtggg tgggtctcct taagggaagg tccaagggtca cactcgagat 120  
 gtccctctggc tctgatgggg atgttatcat ggaggagagc aagaacgaca agacgggtgg 180  
 agcagtgagc acttactcct cttggggacc tacttgggag atggacntca agccccaatt 240  
 ggcctctccc gnggaaacat tntttcaact taccctnttg ccaanggggg gtaccctntt 300  
 tttnttgaa ntaaaaaggn ttgccccttg gcgcccgnta ctattgnttt tattg 355

<210> 2470  
 <211> 501  
 <212> DNA  
 <213> Fusarium venenatum

<400> 2470  
 cagaggtagt ttgcctctg tggcaccaga agatatcaat gtcggcatct cattcaatgg 60  
 cgcaagtgtt atgcccgttc agcccaacga tgtgaacggc acaggcttgg ttggcaagaa 120  
 gccaagcatg agcaagagag ccgatggagg aatggagttg ctgcgatcat acatgctggt 180  
 tggcaggata aacgttgaca agatcacccc taatatgact atggacgagc tcgaatcccc 240  
 ctatattgca attctttacc tcactgctcg caacagcagl ggggctatga ttccggacaaa 300  
 cgtctcagtc aacgaagcgg ccttccttac cgggtgtcttc tcccaagaca ttgtcttggg 360  
 cgactttgac atggcccaag ccgcagtcga cgaacagatt gccgctctca acaacggcac 420  
 tgtgccttc atcctgcctg gcgtggactc atggtctctc ccattccgatt gatcatcaca 480  
 acatatggct gctccctttg t 501

<210> 2471  
 <211> 539  
 <212> DNA  
 <213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(539)

<223> n = A,T,C or G

<400> 2471

ggtaccaata	gacttgtcca	tcgcaaagtc	atatggagag	ctaactgcaa	caacaatcag	60
ttgcttcttc	tggcctctag	ttcgcagcat	ggtacgctcc	ctggcacggt	gcggaagagc	120
aaaaaagtgg	tcaagtctag	gcagcactgg	ctggtcgagg	agtacagctc	cggacgtgac	180
gcatcgggat	tgaatgacct	tcttcgggct	gtccaccgag	caagtgcacc	agatctacaa	240
ttcttacgtg	caacaacggc	cgccctcgtt	cagctgaaca	accccagcat	tgccgagtc	300
cactttgttg	tcagaaacag	tagcacaagt	gctttgtatg	gatcgctgcc	acttattatg	360
ttcatggcgt	cggcgctcatg	ggtgggtgtg	ttgtcaancc	accaancgtg	attgtctatc	420
ngaagtctct	cnccgacggc	aatgaagaac	tctgcccact	caaagctcaa	caagtcanaa	480
tqnccgcttt	cgggaatttc	ctnggtaccc	ctgaaltcag	gtaaccata	aaaaaggtc	539

<210> 2472

<211> 522

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(522)

<223> n = A,T,C or G

<400> 2472

tagacatttc	cctttctcag	agattcccga	ttgcacattg	actttcacta	ttcgactata	60
ctttttctc	ggcggttaaga	ttcccacggt	tcttcacttt	tcttcacacc	aggcgacgag	120
acnaccacca	cacgcttggt	tcagcctgtg	caacgcctgg	gtattgtttg	atggagtaat	180
ttgggacagg	gtcccgggtc	attcgacttg	acagcctcac	tttcgggggt	tggctttggc	240
tttgacggag	tatcacaaga	catggcaaa	cattcatcac	cttcgcaccc	ggcacatacg	300
ggggatcggt	cttttggga	tggatgggac	aagacaagac	aaggcctgga	ttcgctggca	360
ctgggggtta	tttcatttca	gggggggttt	tatgcaaaat	ttggtttttt	ttgttggcac	420
agattttatt	gctgttgtat	ttgactttct	ggcggtatgat	ggcgtttaag	gatgaatgaa	480
tgtttgttgt	taattgcttc	tctcaattca	tattatcact	tg		522

<210> 2473

<211> 104

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(104)

<223> n = A,T,C or G

<400> 2473

acatttggggg	gatgtatcan	ccaaaacaca	tcenatqqtg	agggacanac	agccttgggg	60
aaacacacac	ttggggggac	ttctgatgng	gtgaanagag	gtll		104

<210> 2474

<211> 571

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(571)

<223> n = A,T,C or G

<400> 2474

cagcttcgac	tccatcaatt	gaccacccgc	agccgggtctt	tccaccccga	ggagctccga	60
tttcgattct	acgaggcatc	tggtctctatt	ttcacagtct	caaccgccgc	aatgtcttct	120
ctcactcgtc	ccatgctccg	ctcaccggct	ctacgtgtcg	cgcgccgacg	cttcgagagc	180
accactgctc	agaagctgct	gagaacgcta	agcaggctgc	caccagagcc	caagaggggtc	240
tatcgcggtg	cacatctact	gctggtcctg	ctattgctgg	ttacgcaaag	gggtgttgcta	300
gcactttggg	caaggttggc	ggacgaacgg	gcaagatcat	cggctttggt	gancgacagt	360
cccttcgtct	ctactactcc	aaggtcggct	caactcggca	atttatttcc	agaacaaaaa	420
anganccctc	cacatnggca	cttccaanca	ctacaaacct	ctcantctca	aaacgcactt	480
atcatctcta	aactctcaca	atnaaantgg	ctccactngt	cggngtnttg	cgtnagtcnc	540
gttctcncgt	gggaatatgg	caatcacttt	g			571

<210> 2475

<211> 475

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(475)

<223> n = A,T,C or G

<400> 2475

ctcgaaaaga	caagacaatc	agaaccatcg	attaaaaattg	caaacatggc	ggccaagact	60
ccactttctc	aggcttctta	tcagcctgtc	ccaagagacg	accctactgc	tgatttgctc	120
ganccctccg	agagagacga	cagagaggat	ggcaagccag	ctctcttgag	ggtaaaatcc	180
tccttcattc	tggtgttgag	gttgttgatt	gccccgctcg	tcctcgccga	tattgttttc	240
atgtgcaatc	cctattactc	tcgccgctca	gccgggnattt	ttgctaccgg	aggcatcttg	300
ttagccttct	ggcatggatt	cogtgtctng	aagagctgct	tcctagtgg	aagccgcgac	360
aaattcaacc	tcaagatcgg	aagcctgttc	tgcatgtgcg	gcacaaccgt	cnaattctcc	420
caccanaccc	tccaaggngn	gggcgtatct	cgtcagcctt	gncgactttt	tccttt	475

<210> 2476

<211> 461

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(461)

<223> n = A,T,C or G

<400> 2476

caaaagtctc	aaacaacttt	ccaactacta	ccaaatcaca	catttttcgag	taattctctg	60
tcttcacaac	cgacaacatg	ccttttcaccg	ctagggttaca	ttcccgggtat	tatccacgct	120
ctatacatca	tcttgaagta	ctaagcctta	cgcacttga	cttctcaggg	ctacagcgca	180
tcaccaaatg	cttaatgagt	accccgtctc	ccaacaaccg	acaacaactg	gtcagccatc	240
gggtgtcttg	gaccaagcga	cattctgtct	gacacccaag	acaccaatga	ctgcctgtgc	300
aaacgggtac	gggcattcgc	cggaagtttg	ngtttcttgt	ggcgaacctt	gggttcggtt	360
gataccttac	ggcgggtgatn	cgcgcttaag	agtttggacg	cggattttat	tacangnatt	420
ggaccccangc	naaacagttc	ttnttttttt	ggtatttgcg	g		461

<210> 2477

<211> 567

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature  
 <222> (1)...(567)  
 <223> n = A,T,C or G

<400> 2477  
 attaattctg tcaaacgaag ggaattctcg cgcattgatc cgaactttac agtacttttaa 60  
 taattttcatc gaaatcttca aatctgctat tgccgttgga aacgcaaaaa agtgctcgacg 120  
 tgcacgattt caactcagag accatcttcg gcactctagc ctctaaacca aggcaaccgt 180  
 gattcatggt gctcgttcat tgaaaacctg ccattctcac acttcaacaa ctaccatctc 240  
 taatctcctt gctcatttcc accaggcgca tgacaacgat ataaattatt cagcacgcgc 300  
 ctcttcaac catggcagtc caagatgcgg gcggctcaga aaaccaggaa gttgacaagg 360  
 cggcgcttct tgatcaaatt gtagctgcgg ctccaggaaag cgtgacgcaa agcgaagacc 420  
 aagaggagcn gccaaacacc gaaggactca acgaagaaga cccctgcgga atttgactgg 480  
 cactgtccga gaccagaatg atctggaacg tgacatcaca ctacaagcca acgctgcctt 540  
 gaatgaanct gaagatnaaa aaggacc 567

<210> 2478  
 <211> 633  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(633)  
 <223> n = A,T,C or G

<400> 2478  
 cttctaaaca gatggagcag gtttccaaca tcagcaagca atacgtcggc gactacagcg 60  
 acaagggtcca gggactcttc caaggcaaga ctcttctctg ccagaagatc gacatgcctc 120  
 agaactccaa ctctgctctc cctgccaagc agcctcagtt cccctccctt cctactgatg 180  
 agcccattac gtctgccaac cctccccaaa ttctactctc cgccggtttg agagaggaga 240  
 ttaacgagcc cactggattt gacactgcag ctctgagct tccccacnaa anatgttggt 300  
 cccgccaagg agcccatgct tggtttttaa gtgatggaag cagtgcagtt gccacatgta 360  
 cttgagctga aaaggggcat agattgcctg aacaataaat atgttttacg gcattttggg 420  
 ggcacagctt ttctttaaatt cgggagcaaa ggattttcag attggacagg gcgcgaatcg 480  
 gtttttggga tcattgctca acacgcaata caaacagact ctaattgacg tatgatgaac 540  
 gatgggttaa atatggatgg actggacgga tactctctc ttgaagaggg tctgaaaatt 600  
 agcaccctcg cttaatgcgt ttgtggaggg att 633

<210> 2479  
 <211> 593  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(593)  
 <223> n = A,T,C or G

<400> 2479  
 cttttctctc caatgggttct ggaggtttga ctgtcgccga tatcgccaga ttgaagatct 60  
 agtccgctcc caggaagtac agcccgccat catgacctct tgccgactca taacnaagccg 120  
 cagcgcaaaag ggtgacaagc cccggcgccg gcgnaccatg tccatctttg gcaactcgaa 180  
 tatccacgcc atagatgctc ttaagggcat ggttggtttc accacggccg cgtntccagc 240  
 tcacatgcac ggttgggatt cggatacaac gcataaacct ccccgacccg atnaatgctc 300  
 cagccagaac tcgaatccac aagcaccatc caacaaacatc cccgatattc arntcaacaa 360  
 tgagatgggg gaaacccctc accgtacata tgacgacttg cgaggcttaa aacctcgact 420  
 ntaaaaggca aattgggtga atttnttchnaatgttcagg gcgagagtga nagtgcnact 480  
 agcgaacttg tccaagngg attattcact agnggaatta aatacccatg ggattctgac 540  
 ttntaatggg aagnttttgc ccttttgccc naaaaanact tttaaagccc tta 593

<210> 2480  
 <211> 376  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(376)  
 <223> n = A,T,C or G

<400> 2480							
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gattttttga	taaatacgca	ngggggaaga	gtctttgtcg	tcacagccac	tcctgagacc		120
cgcattctt	tcgatttctt	gatgttctcg	nggccttggt	aggcggttgt	agtgggggtg		180
gctcgctcat	attgacgttt	aagcgggggg	tttgatnttt	tggagactgg	agatcttcat		240
annacacga	agtgaggcaa	ccataagtgg	gtttgggggg	agttlaactgn	gaaaaagtgt		300
gaattggtga	atatcttgtc	tcgctnttgt	tcagttgaat	cgtgacgtct	tcctttctna		360
gcaattgtgt	ctnctt						376

<210> 2481  
 <211> 546  
 <212> DNA  
 <213> *Fusarium venenatum*

<400> 2481							
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ggtaggcagt	gtcaatgtta	ttccatgact	tcctgtatgg	tgctattgcc	gtcacattga		120
ctttcacctt	caccctcagc	tgcatagggt	ttcaattcac	tacgactaca	agctgagggt		180
tttttcttct	tcgaagtctg	tcagcgacag	cagcttccgt	ctcacacccc	caaatagggt		240
accaataaga	caaaaaccgt	gtatctaacc	tgaaataaac	aattgtgcca	gacgggctac		300
agcccgatg	tcataacgca	ccccatcgcc	gtacggaagg	accttttagc	tcgccgaatg		360
gatgacgttg	gctcatgctg	caagggttct	cttctgcttg	tcctaatgct	gctgccttga		420
tgtcacaaac	gggttggttg	acaggaaacca	caccgcaaaa	tagaacaaga	aatgggaaat		480
gaaggggaag	gagggaaaac	aaataaaaaa	tagaaagaaa	ttaatgacaa	gaatcattga		540
ccaccg							546

<210> 2482  
 <211> 509  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(509)  
 <223> n = A,T,C or G

<400> 2482							
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ccggctcggg	actcaacag	cttgggtctat	ttqctttttg	gcaattctcg	ccatctctgcc		120
aagtcagccc	gttagctgog	gnggtggloo	aaagatgtat	gygaatttgt	ttcatctgtg		180
gacccctggt	tgcagctggc	gatgcagttg	ttgcaaggcg	ttttgcaaac	caagaacaca		240
tcaggggaga	ggccgaggat	aaagctacca	aagctagcat	cagtcacgcc	gttactggcg		300
tggttatctt	cgcgacaggt	ctgtttctat	atctttgagc	tagtgtgttt	tgnggngggac		360
attcggatct	tqtaacaaca	tcctcgccct	tcctggctctt	atgaatcatt	actgtatttt		420
gtaggggat	tgcccttgatc	ttcngaaaty	tatgaacaan	tcgctctctc	aaattgnaatg		480
ccgataaatt	ctntttnaaa	aaaaaaaaa					509

<210> 2483  
 <211> 494

<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(494)  
<223> n = A,T,C or G

<400> 2483  
caacaaagac cattggaaga tgcattctga tgetgccatc acaatgtttc aacagatcct 60  
tcctcagccc gagcattgga aggaaacgct agaagctctc tacagttacc gttggccacc 120  
tcctgagatg ggcgtccgcc gaccttttag cacaaaccaa gccgcgcttc gtttcttcac 180  
agctaacgtt ctttacatcg atgtcatgtc cagcataacg ctcgagcagg cgectcgctt 240  
tcagaagtac caggaaatca tcatgccacg ctgcaaggca cagctcgcac cggaagaagt 300  
tcgtatctca ggatcactct tcatggaaga gtatgtcggc cttcataatt ggtcgtcca 360  
gatcatcggt gatatttctg cattggacgc ctggaaaaag gatcaaaaga natcaaactc 420  
cctatccatc aacgagcttg ttcaacgaag taaggtgctg gaagggtgca tcagggggaag 480  
attgagtgtc attg 494

<210> 2484  
<211> 541  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(541)  
<223> n = A,T,C or G

<400> 2484  
cgatatcatt cctcaatcca ttctctgtgc ttctcgagcg tgggcagtc caggetcaac 60  
caacatcctc ccagccaaat tccctctctg ctaccccaaa cccacaactt ccgaccgna 120  
agaaattgcc accagcgtag tcaacgcgtt caacanggcc ctacagagca aagactaccc 180  
cgctctatcg caactcttcg ccgaagacgg tttctggcga gatcatcttg cgctcacttg 240  
gtccttttaga acagtccaag gaccanataa tnttttatnt tttttgaagc aatcttctca 300  
atcaaaaaat ggggtttcgt nggccaaaat cggctctcgat accagctccg cagngcgaaa 360  
gcctcaatcc atccctatcg atggcanggg tgaaatacaa ggggtcaatt tttttcactn 420  
ttganccgtc taagtaccgg actggtcttg cccnatggng gaggcaatgg ccagnggaan 480  
attttncctt ctaccnccn ttaatgatct caanggtatg aaaaaactgn caaccacctt 541  
c

<210> 2485  
<211> 1008  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(1008)  
<223> n = A,T,C or G

<400> 2485  
ggcgtacctt ccttctgttg tcaactctgc caaacgcgca caaccggac atagcaacac 60  
atcatgaaqt tttccacagt agtcgccggc ttctgtgcca cggcgcatgc ttttagtccc 120  
aagttcaaca tcttcggcga caacgataat gccgacacca acgctctcca taggatccct 180  
acggcccatg agtctgttgt catggcggtt cgcctccttg ctctcaccaa ggtcggcact 240  
ctctcgactg ttttccttc tggccacccc aacggtgato ttgcctatga tgaaaaadgc 300  
ccgaacggac tcgaaggtgt gcctattggc atgatggaat atgtggcaga atgcgaagat 360  
gaaggtaacc ctaccattct cgaaattaag atcgcaacaa cyttcaagaa aatccggcgc 420  
tggatcgaaa cttacactct ccatgaactg gggtcgcccc tatccgcccg ccaagcgcat 480

ctccttctct	ctcgtctctc	ggcatatatt	cccttctctc	ctagctacaa	ctacaacaat	540
cgtgtcaagg	aatcttccac	cccggaaacac	cgttctctac	tcagcggcca	atctggcccg	600
gttcgccctt	ttggatacct	ggagcccatt	gaaaccactc	ccgtatnggc	tgtcaagctt	660
gcagcatgct	ttacgcgcaa	gcataaagac	gctaagtact	ggctgcangt	aatgncattc	720
atgagagctc	atggggcgcg	ctggntgtga	ccaaaaaata	ttgggttggc	ggntttggcg	780
aacgggcgcg	aantggctgg	ctgcctgttg	acnaatggga	agagcgtcac	cagagataaa	840
tgggagaagc	atcaaacttn	cccggtgagg	aaanaagggt	ggagccantg	gtnaatnaac	900
tnttggggga	gagctngaaa	aggngggatg	acctgncctt	nttggaaaaa	gcttaacttt	960
tantggtggg	tttgggggga	nnttcggcgg	gnnaaacttt	tgctatgg		1008

<210> 2486

<211> 527

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(527)

<223> n = A,T,C or G

<400> 2486

ggcagccctt	ccaaacaccc	cctgacgaaa	acacttcaag	caagatcaaa	actgtacctg	60
atctttaggtg	gtctttgtcca	tacctctttt	actgccacct	cttttactac	tacctccttt	120
agccttgaaa	cgacacgana	gccgcttaca	cacattacgg	ctccttggtc	ttgaacttga	180
ccaaatcttc	aaaacccggt	atcgctcattg	tcgacttttg	tcaatttata	ccccgctccc	240
gcgacaacaa	ttgaatntcc	agggacctga	acttggcccg	agacnaanaa	cacgatggcg	300
cttcctgtcca	ggaaaatctt	gntcgaagct	tgccgnccgc	nacaccttg	agcttctcga	360
cnantgccta	gagtcgaaga	ccgacccgaa	atctcaaaag	tctctcccaa	accaagaacc	420
gttttnggca	acactctaca	tgaaactgcc	tctcgccgaa	attacnaatc	tccaaccctc	480
cttnaacacc	cgggaattcca	attggntcct	gttaacttct	gggaagg		527

<210> 2487

<211> 834

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(834)

<223> n = A,T,C or G

<400> 2487

ctctaggtgc	ttcgttcgac	aatgttcaac	aaactgctcc	ttctgggtct	ggcatctttc	60
accttttgcc	aggatgatgc	acctacaaat	tccagtgcca	togatgagga	gatgggacct	120
gcccctttca	tgtggccccc	agaccgtgtt	tggtcgggag	acatggataa	tagagctcct	180
tgtggctcac	gggtccctgc	aggcaacaga	accgagtttc	cactgactgg	tggtgctggt	240
tcccttgctg	cgcaagatga	ttactacaat	accaagatta	gtatttcata	ctcaaatagac	300
ccatcatcaa	acgacgattt	cgatactctc	atccaagaga	agagtattgc	agacctcaac	360
ccaggtcata	gctgtgtaaa	agtctccgac	gcgccatcga	gcgtttcagc	aggcgataat	420
gaaacgcttc	agattatfta	ccggcgccac	tqqgacqctc	cccacaacca	aacattctac	480
gggtgtggcg	acatcacatt	cgctctcaaa	gctgacttgc	actttgcat	tccatgcttc	540
aaagttaactg	accaggagac	gatgacaaa	cccgccgggtg	caacggctga	tccatgctca	600
agtgcgacac	atcttcatac	ctctgatgac	ggctctgatg	atgaggatga	gcaagccaag	660
cgggtgccaa	aaaattaagg	gggggggcta	ttgcttgcca	ttgggtggngg	gctnttgngg	720
cgggtgtagt	ctttgatgtg	ttggccccgg	ntnttggtat	tgtgggcggc	gaaanggagc	780
aggonaaaga	aaaacttaag	gattgncctg	ttggaggata	atgttctgtaa	gcat	834

<210> 2488

<211> 522

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(522)

<223> n = A,T,C or G

<400> 2488

cctgttttagc	gatttttatgc	tgtecgacaag	aagccccgagc	tcgatacctnt	taagcaacca	60
gtattgccaa	cttcccaaac	tgteacatcc	ganagaatcc	acganaccac	tatcgacgat	120
gtcggcgana	ccaaggtgt	tattggagag	gttcnnaaaa	cacccccctcc	ccctccccct	180
cctcctcccc	cacctaaaaa	gaaggggttc	ttccnaagac	tgaanaactt	tgtctttacc	240
cttctcgtcc	ttggtgctgt	tggttcgct	ggaggtgtct	ggtactctcg	tattagcgac	300
aactttccacg	acttttttac	tgcatatcgt	ccattcgccg	agcaggctgt	ctttacctgg	360
aggagatgga	ttacaagaag	cgattcccaa	cgccaccggc	cgatccaaaa	accaactacg	420
ggggatgctg	taaantlccc	nttnaaagcg	gtctttatgg	aaagttgttg	aggccaactt	480
actcgagngt	ggcctgttgn	ttgcnccaan	aggtaaggaa	ca		522

<210> 2489

<211> 631

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(631)

<223> n = A,T,C or G

<400> 2489

caattgcctc	gattttgcttg	gttgattgag	gaagacgaag	agtaaccggt	ccaccgacca	60
gocgctgtgc	tcaacatcgc	acgcgtatcc	tactaaatcc	cgaaccccgga	gctgcgcctt	120
gaagctcgta	cgaagcttga	agcaaatacta	caatcattat	tgcagagccc	gtccacgttc	180
ttcctacatc	atgcgggaca	gcattttcta	tacctttacg	gcctatgcca	ccctgattgg	240
cgteggctat	gtcatttate	atgtgtccac	ccaaaaggct	cgggctcagg	ccaaagggtca	300
aatcaaacct	gccaagaccg	tacagccaga	gacacgtaaa	gaagatcgaa	agaagaacag	360
cgcgcaggag	gccttcgcaa	cagaggccaa	ggatcctcta	agaagccaag	gctgagccag	420
acactatgct	ggtcgaatag	tgncaaggag	aaagatgaaa	catcgccacc	gcnagtgcgc	480
aggagttnc	aaggccaagg	agggaccaag	ttgntncaag	ttgatgctgg	naacagcgag	540
aaagctggga	agcatnttgg	gccacaaggt	tgccagtgtt	ccgaaanaag	gagtcagccc	600
agnatttacc	atgggngccg	acccgcaatn	n			631

<210> 2490

<211> 404

<212> DNA

<213> Fusarium venenatum

<400> 2490

cgttccacct	caaagacctc	cgacaccaca	aataaccaggt	cgacgcgcaa	acaatcgcca	60
ttcaaaaagg	ccagagacac	tgttccaccc	ggccctcttg	acgtccctgc	cactttcatt	120
gataaagatc	cccccaactc	qccccactggc	cccgatggca	caacactcgc	tgacacatta	180
gttgagcgtg	aaccaacaag	ggctgctcag	ccacctgagc	aattcganga	tgagttgata	240
ttacaagaag	ttgcgatga	gcatacacaag	ctgcgaaaaga	aattcatcca	gcgggaaggt	300
gggttcccca	aagaagatga	gtctcctatc	cagcctctgg	aagagcaaga	tggtggacgg	360
gagcgcgtca	agtcgcttca	aggcggcgaa	gctctcgaaa	tatt		404

<210> 2491

<211> 464

<212> DNA

<213> Fusarium venenatum



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<220>
<221> misc_feature
<222> (1)...(464)
<223> n = A,T,C or G

<400> 2491
ntttatcacc atggttggttaa acacattctc aatggcccaa gttgctgtcc cgatccgcca      60
tgttggtcaaa aaaatgggttc cgactgcgtc gaagtgtcac ggggtgaacag ggagaagtca      120
ccctttgaaa gaaaagctac cgaaaatgat ttttgccttg caagaagtgc aaaaaaatgc      180
ttcccgaag ggaccgttac aagaagttcc gagggagggc ttgaccgaag ttctgcccc      240
actggtgaca accactttgt tategatgcg aagacacccc aggcggggccc ttgttcangt      300
ccgaggagcc gaaaaaccgt ggccgaatgg gaccaacaaa aatgcttcag gggacccgac      360
aggacaaana agacccaaga ctttaggggg ccttcaaggg tcccntnttt tggacccccg      420
tcaaatggat ggccttgaca aagctagggg ttaaattggg aagc      464

<210> 2492
<211> 354
<212> DNA
<213> Fusarium venenatum

<400> 2492
ttcgggttata aaagacactg gaagacaaaa aaatccttct tctttctttt ttcttttctc      60
cttcccccttt ttcgaatcaa ggcacatttt cgtgggtagc ataaagaaac tgggctgggt      120
taggttggga caaaggcagt gggcaaacgg gacaaggcac gataccgcac aatggcggtg      180
aggaaaggct gggcagttct tctttggttc ttttgtttta tatttttctc tgcttttcca      240
gcagcatggc gatggatgtt catgatgttg gcctatttac ctttttttct tatatttttag      300
tttacgtaaa gcaacccgca gcattgcgtg aattgataat tcttttgaac tgtt      354

<210> 2493
<211> 573
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(573)
<223> n = A,T,C or G

<400> 2493
ctgcttgccg gtcgatgaaag gtgtggccgg aggtataata gtcggcagcg gcattgactg      60
ggtccaagac gatgaactgc gggatgttgt actcgacct gagactgatg aatgatccca      120
cacacccttt ccgaagtcca gaattaccaa ctatcagttg tctacctgtg cttcactaag      180
atgaccatct ccttgctgat gatcccacca cagggcacga aagtcaacac ccgtcccgtc      240
ccgtcgggaa ggatacglac cgtcttgacc aggacgggat tgcaagatct tccgaggtgg      300
agacaatggg tgtctttgag agaatgcaag caagcaagac tccatactca tcagctaggg      360
tttgcaacta gcgatgcacc tttgcggctg tccctggaag aacatgcang tgccaggcct      420
cgagcctctc tagccttcac cctcgtttca aggtctaaca attcacgaac aaccgaatca      480
tgatctcatt catcaganca tcccggtagg gtttantaga ancaagganc tatgaccatc      540
agtctgttgg gatataccgt gatatctctt ggc      573

<210> 2494
<211> 768
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(768)
<223> n = A,T,C or G

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<400> 2494
atttaaacag ttagggttata ttgagatata attaaatatt atcagctcta ttacgcccac      60
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cccaaacatg gttaatatctt ggtctagtga caattgcctc tggagtaaga gcattatcag      180
cagtgttaaca ttgaccgttt atgtaactag atccaatgca ccgactgttc gcccggaaca      240
tagcagcgca cttcgcagcc gagctttgat caggggtacca ctcagaactc ataccgtgat      300
atccggttga caaccatcct gaagtgttgc aaacgcgcgt cgcagtgggc gaacgtgtgc      360
atacgtcgct tgctttagt tgcacgtggg actcttggga agaggactgt tattggggac      420
gcaagctggg cacgttcagc aggatttatg actccaccgg cgcttttggg gtcgaagctg      480
ggatcatcat agcttggatc ggcttctgaa gatcaaaagc tggtatcttg gtgatgtaaa      540
gatacagtgg gtttcggacc ccagaatgcg gaggtttaca atntttaagg gtgtccaaat      600
gnttggcatt gttccggctt tctgnntgga tttttgnaac aggggtntcc acttggaccc      660
anaaaaaccc ttggatggca acctaaagngn ttttcgaccc cggtgagntt ttttncctt      720
ttcnggggt ttttngaaac cccngggngn ggggggttaa aaaggggg      768

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<210> 2495

<211> 577

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1) ... (577)

<223> n = A,T,C or G

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<400> 2495
gtacgagcta gacatgatca gtgtcttgca agctgcccgt tcacgatggc aaacgttggt      60
caactgccct atcggggcgtt gttaagttaa acccggtgac acggcaacga agacgtcaac      120
gcaatgtgaa acaaccatag ggcgatatat cgaggaatga gtggctttgc tacatattac      180
tggtatatga tgttcaagaa cggcaatcga ttgtatcgat tgctgtttc ctattctgga      240
ctcattgatg gctatggaaa ggtgcgccta tcaatgtatg aggttcaaaa ggagatgata      300
aggatgggga cctggaaaaa ccattgcctgg ggctggtttg aagangtcac tttgtccaag      360
tgcattggac acgtttaatg acttgatgta ccgatcgtga tggcaagcag tggactgctt      420
antggatctg tgtttcttgc gtaactggag ttcttacacg gatacggaga ccaacggagg      480
caacctgttg gttgggagat tggagttgtg atccctcatt aatcctatct tgcacggag      540
ttgggggtgt tttggtaaat aacatttgct taattnt      577

```

<210> 2496

<211> 526

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1) ... (526)

<223> n = A,T,C or G

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<400> 2496
ccagaacttc ataatcagca aaaactaact tggatcatatt tacttgaata ttggccatca      60
tggcaattcc ttqqaactca ctccgttccc tegtcatctt ctccggaccc atactcttac      120
ctaaagttat atcatactac cgatcagtaa agaataaann ccacggccgt catgtaccca      180
tagtaccogt cccgttttga atcggagttg cgtcgcgcgt tctcgtatc cttatcatca      240
cctacatcgc cagaacgtcc cgccttttca cccgagaacc tnttctcgc acccagagcc      300
gtctgcagat cccgtcgatg tctctttcaa ccgagttgct gtggaagatc ggacaatatn      360
cttacaaaagc aggatgaggg gctgaggggg aaattcgcaa cttggagagc gattgtctac      420
ctcaaatctg gncccgatgg ctggctaaat gcggttctga cctcgganga acaanaaact      480
ttttaantat gccctccaca gttttgnggc ctacalnna accttt      526

```

<210> 2497

<211> 611

<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(611)  
<223> n = A,T,C or G

<400> 2497  
gtgttatctc aaaatttcga cctcgatttt tggaaaagag acgggctggt ctacaatact 60  
ttctcaattg catattactg aatccagagt tttctgggtc gcctgtactc aaggagttcc 120  
tctttgcata acgetgccat tgttccagca tcttctcttc gttacaaatg tttaccttct 180  
gaccttgaat atgaggccctc tttgtacaaa ccataatat agcttcggcc tgggtgtcacg 240  
cacatacata tgcgccgggc aggtgtccat gttaatgata atgagttgga tgacttacgt 300  
gttaattgtct tacagttggg cctttatgct gctacgaagt cngagttgca ttaccccggc 360  
tttqgttgat tgggaggcca agacagtcca agatttgga aagatgggga aagagcaaga 420  
ctcttcaaal catncagttg tttgcaaggc ggagctgtga ctnantggca tggcattcct 480  
ggcggttgaga ttccgnacaga anggcggcat accnccnagg cggatgatgt tgggcaatca 540  
aggntgncaa tttaggcnat tccgggggta agtgggttttc ttggnccact ttnttaagggt 600  
tganaatggt t 611

<210> 2498  
<211> 105  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(105)  
<223> n = A,T,C or G

<400> 2498  
ntggnetggt taetggggtg annatgcct tggccacctt gctgggtatgg aacnaantcc 50  
tctacgaggn atatnattat nacatntgag nttactgcac tgact 105

<210> 2499  
<211> 362  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(362)  
<223> n = A,T,C or G

<400> 2499  
tnggcatata gaaaaggatg tcaatgacca ccccgtagga gtcaagcgct atgcagatgc 50  
tggtgtctga ctaactgagc tcagcgacca ggcgaagcga ttaagaacgc aagtggcacg 120  
cttaaatcat ctgaaaacca tcgtcgagcc tcttcagacg acagataatg gcgctggtat 180  
ctgggaaaac ctcttactc dcaatqncd ttttqaaaag gaacttgaga agatgcgctt 240  
nttgctggcg agagtcggly glngtgtcca tgcgtacca naacgaactt ccaatgacgt 300  
tcttaaggag ataaagtctt tttgagacag gctctcatgg tccggaagcg acntgttgat 360  
ca 362

<210> 2500  
<211> 292  
<212> DNA  
<213> Fusarium venenatum

<220>

<221> misc\_feature  
 <222> (1)...(292)  
 <223> n = A,T,C or G

<400> 2500  
 ggaccgtcca tgcagggtgc tatctcgaag accctgaacg tggctacggn gaaccgcatg 60  
 aaattgctga aatattcgcg ggttacctga atggcatcaa tgggtacattg aactgggagc 120  
 ctcagggaat accacgcgat gtctttaata ttttcgaggc ccctatgtcc caaaaccaac 180  
 ttntctttnc agtgaaccag ttgcatggga atggccataa ncgaaagttt atcgacggcg 240  
 aggttggtga tgcccaaacn aacgcnaaca cttttttttt tganaccac ca 292

<210> 2501  
 <211> 576  
 <212> DNA  
 <213> Fusarium venenatum

<400> 2501  
 acacaccaat ccaccaaat gttaataaac gccatcatct ccttcctcca gctatggctc 60  
 gcgacgctgg cctttgctgc tcccatcgct gatgatgcc tcagcgcgac ctctgctaag 120  
 ccctggcact acggtactgg ggggggaatc attggaatta atggtttaag tgcttggaca 180  
 ttctcgtctg gatcgaagg tctcaagtc aaccgccccg tttcccacag agattctctg 240  
 gggctctggt ggcttccttt tccccatcgg ccggaatggc tcgttaatta cctattctcc 300  
 aaccgccagg ctcaacattg cgaagcggag gctacgagcc cgtccctaag acatcgctcg 360  
 attcacgcga caagaataac acgaatggct gggatggaca agaattgtgac agaacggaag 420  
 gattggcatg cccgagatgg caaatggatg gaggagcata cgatcttgag ccagcgatta 480  
 tctttttatt catgaattaa ccggagtaat aacatcagac caacaaccta tcgtttttta 540  
 caattatcga ccttggtact ttttgataaa gcattg 576

<210> 2502  
 <211> 328  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(328)  
 <223> n = A,T,C or G

<400> 2502  
 caaccagtc tctccgccca cctccaccga gttggggagc tggctgggga cggatagacc 60  
 gaggaggacc acctccattg ttgaactctg ttcagttaca ggatgtcggg agccttctta 120  
 caaaatgatg ttttgatga tcaaaactgg tgaacgattg gcatatcaca ggcgttgggtg 180  
 gaataatgaa atttagacta tgatacctta gatgtttgat ttgggaaata tgtcgaattt 240  
 aatgtcggca acaggagaat tgcagycayy aatgactgca aattgtacga atgaataacg 300  
 aataaaaaat cccctccnna aaaaaaaa 328

<210> 2503  
 <211> 577  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc feature  
 <222> (1)...(577)  
 <223> n = A,T,C or G

<400> 2503  
 aataattcca aaaaagcttc aacgaactcc acaaagtccc aggttaactct tttgggtcat 60  
 aaccgtctcg agagagttta tacacaaaaa tgagccagga taatcgacaa cttccaaaaa 120  
 cccaaataga gggcaacact ccttggtattt aaaaggcaaa ggaaaacaaa ccaagaaaga 180

gaatactatt	cccatcgtcg	acagacttca	atcttccggg	agactagttc	tcgatgcttt	240
tggaagcggc	ccagagctga	gtggccaaca	gccagcgaga	aaagctgacc	caagtggcag	300
caacagcaac	agcattgaca	agatctcgtc	aagtacggga	gaagcatcct	cacacagatt	360
acgctcatca	attcaggcgg	aaacotttgcg	ctcaaaaaca	aatctggatt	ctggaccttc	420
cgcgcaggca	ttcaacgatt	ttgttagtgc	cgacgtcacg	ctggacgttg	acaatgacaa	480
tgacaatgcc	caccttgatg	aggaagcacg	aaagcaaata	tccactcgaa	atctacacat	540
gcathnacacg	atgntagtgn	acaaganaaa	cttggtat			577

<210> 2504

<211> 634

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(634)

<223> n - A,T,C or G

<400> 2504

gttactccta	tccaaagcgg	attggccacc	gaacacgaac	ccgaaacaaa	tggtctacgg	60
cactcgtctt	cacatgaggg	cattgaccac	aacacaccac	tatccaatca	cagtttacat	120
tagacatggg	aacatctcat	cattctagaa	agcggctagc	attttcagga	gttttccgtc	180
attcacgtta	tttcattttat	ttattccctt	ttcttatcac	cgagcgggtg	agaaaaaagc	240
acgcgattat	cagaacaaaag	acatggattt	acttcttgta	cacaacaaaa	ttttcgtctt	300
ttctctacac	agattgggtc	cctcggcatt	tgacccccgc	ccacgcggga	ttggccagag	360
ttgagcgaaa	tttcggctca	ctttcgggtg	tctggagtgt	gtgagacgaa	gttcggagaa	420
cactcccggt	ggaggagtca	ttgtatttgt	tgcaggagtt	ggctggcact	caagaccggc	480
aggaacagag	cattgangtc	ggcgaatttt	ggnanggatt	ttttattttt	attgagcaag	540
gacttggtaa	ttttactggg	acatatcaca	cagattacna	ccgccttttg	agatggcgag	600
accaatgggc	gcagacacac	ngaagggnatt	gggc			634

<210> 2505

<211> 597

<212> DNA

<213> Fusarium venenatum

<400> 2505

atgcaccaca	agggacagcc	ggctcaaaaa	tggaggatgt	tcaggtagag	ccgtctccgg	60
agggcaaagt	tgttcaacag	gaggaagggt	ctgagactgt	tacagaagac	aatatggaag	120
tcgactcttc	tcaacctaat	gatccactgg	cacctgtcaa	cgtcttcctg	gcaccttcag	180
ggtcaacacc	cgcagcagct	ttggctcctg	ctcccgacac	agacttcgct	cccaccatcg	240
cgcctgcgca	actccacca	gctcgtattac	aagaaaactc	aagaaacaaa	cgattgcttt	300
cggataagga	gttagaggaa	aaagctgctg	cagaaaaccg	caagatcaac	tctatcaaat	360
ccattctcat	caagggtcag	ttcccagata	acaccagttag	cgattggcag	gtgaacccgt	420
tgcatactgg	aagggtcctgt	acgacgctgt	ccgacacgtc	atgggtcata	acgacaaaacc	480
ttccatctag	ttctccccgg	aaccaaaatt	gtgatcaagg	acgacctagc	tccaacaatg	540
gactaataaa	agcctataaa	atgtcgggaa	gaactcttat	caacttggtg	tggggac	597

<210> 2506

<211> 549

<212> DNA

<213> Fusarium venenatum

<400> 2506

actaaccttg	aagatagatt	tgtaactccg	tccattgcc	agaaatttga	ctttgaagtt	60
cggaggtata	aaggtgtcga	tcaggctggt	gaggttgagg	tacccgagca	gaaactctaa	120
gagaatggtc	gaattggcgg	tgattcgaaa	ataggggggt	ttgggtcacc	ccctttgtct	180
cttctggata	gcaaacgtat	cacataattc	gacaacctcc	cctcaaacta	tttgacagag	240
ctggacttgg	gcaactgccc	tctcgcatca	tagtccggag	aaatatgacg	ccttggtggac	300
atacaagtaa	tggcggacgg	aataattgac	aaaattcgac	atagacgaga	tactctttcc	360

cgcagacgtg	gcacgcagcc	gaatgctgcg	tgcacattta	tctgtgagct	cgagctttgt	420
ccttagatatt	cgaataggtg	atgatcgagc	cgtegattga	gaaagggtag	acctgcacca	480
acgacatgga	caatgacgtg	gaagaatggc	gtacaggtag	aggggaagaaa	atgcaagctg	540
acaattctc						549

<210> 2507

<211> 267

<212> DNA

<213> Fusarium venenatum

<400> 2507

gatgaatatt	gaaatgtacg	acaaataccc	ctgaagtcaa	agttgacagg	cctaaaaacc	60
cttggataat	cttaatcttg	gagcccgcg	acgcctttgg	tgttccacat	tgtggagatc	120
cccttgtttt	ctagagggtc	tgtacgaagc	attgacacga	tgatttgga	gacgtttgga	180
gaaacagaaa	ctgtaaagtc	taaaaggaca	agcttaaact	tttatacgaa	gaattcatat	240
atatagagta	ctattaaaaa	aaaaaaa				267

<210> 2508

<211> 620

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(620)

<223> n = A,T,C or G

<400> 2508

ctccttgcc	acgacaagac	cgactttgtc	aagtacatc	acgatgtccc	catgattggc	60
agcacgcgtc	tcgccccatc	aaacgaagcc	tgggcacgtn	tcggcccacg	cgccaacgct	120
ttntgtttca	acaccgagac	aggcaagaag	tatcttcgtg	cgcttctcaa	gtaccagatc	180
gtgcccaca	tcacactcta	cagcgatgag	atctactacg	gtgatgagaa	gcanaccctc	240
aanaagacgg	atctcggtca	cggnggtgac	ttccacattg	agctgcctac	gctacttgag	300
aggggcgttg	gtggtgatgt	gcacactttc	aagagttgga	ctaccattgt	gctgaacgga	360
cacgtcgttg	ttggtttcaa	cgacgctgtt	ggtaagaatg	gtgttatcca	cgttcccagg	420
accattccta	tccttctca	cagaaggggac	gagcattcct	ntgagatcga	cgngganatc	480
aagtgtcgag	gagctcaagg	aaagactgga	ggattatgtg	gngggcgaat	gatactgant	540
ctgactggca	ggngngngag	ctgngangtt	tctcaaacc	ttattggcat	aacaatattg	600
gnggttgngg	ttgaatggaa					620

<210> 2509

<211> 912

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(912)

<223> n = A,T,C or G

<400> 2509

gatgatatga	gcttcagcat	gggccatcgc	aatgatagcg	attggctatt	gcgaacaggg	60
gggtcatga	gcttcgaagc	tcgtgaattc	aagggtcaga	cttggcttgt	ttcgcgtcag	120
agctcaacta	gccttggggg	aatggacccc	gaggaagatg	cctttgagaa	tgagcttgcc	180
cgtgaacgcg	agctcacgag	tcgccatgct	agccgacgtg	gtagcgttgc	ttcaattgcc	240
gaggatgcac	ctccatacgc	tagccgcttc	cccagccgca	ctcatagtcg	ctccctatgc	300
ttgaacccgac	ctcggagcat	acttcattct	cctctagagc	latcaacagc	tgccagaagg	360
tcttacttcc	cccatcaaga	agtcaacaat	gaccttcccc	gccctgattt	tgtcaatctc	420
gacnaaaaag	ctggaagagc	ttgagcaaga	tgtgttgcaa	gatgatgagg	ccactgtgcg	480
acggcttgtt	cgaaagggcc	aagcaggcac	aggcacctgg	tttggtagcg	tctggtctct	540

tttctcagta	gaagaagacg	acgaaaattc	ggacgaggac	agtgatgaaa	caccacgaga	600
caaccaatcc	gaactcggcc	agtctcgtag	ttggtcgggc	ccgcaaatta	gcaggcatat	660
caacagttcc	agaanaacgc	gtnccccctc	aaaggctgat	gaagggtggct	ggaangatnc	720
ccctggttgt	gaccgtggcc	nccaagggtga	tgttctanac	agaatgagtt	ttgccaccca	780
aacnataacc	gtgtccacat	ttttcaagtg	gtaaaagaac	cggtttggtg	aatnaaaaaa	840
aatggccaaa	agcgtatatg	taaanattgg	ttncengatt	atagcctcga	cctcgtttca	900
nanagaaaat	tt					912

<210> 2510

<211> 604

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(604)

<223> n = A,T,C or G

<400> 2510

tccaactcag	cacacaactt	cacaatggcg	tccttacagg	cgctgtgggg	tccaatggcc	60
cgacggctcc	tgcgagtcgc	cgtggccaaa	accacaaacg	tggtgcgga	caaatttgct	120
gtcatgacgc	ggcccttgca	aaaccaactt	acactgagaa	ccgccagagt	tgctcgtcaa	180
cctattcacc	ctggttgctgc	tcttcgacag	cagaaacgcc	atactagccg	atggttctcg	240
agctccgcag	ctcagaacgt	caaccgagtt	attaggagat	tcgttagctc	cgagcccaag	300
gctgctcgtt	tgcaccgatc	caagttcccc	agctccaaca	cctcacaacg	tgttgccgag	360
ttctctggcc	gagctccatt	tgcgaacgcc	ctccgtccca	acttgatggg	cgggtgcttc	420
cctcgaagtg	ctgggtggata	tagtctcggc	ggtagtgctc	gatacttctt	ccacgggtccg	480
gcagcttcng	gctcagggtcg	tgcagaatgt	ctctnaagcc	atganagcat	tcttcttttn	540
tggccagaan	cttcctgttat	gacggcctcn	ggccctcgaa	ggtgacccca	aagtaatcaa	600
cggg						604

<210> 2511

<211> 483

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(483)

<223> n = A,T,C or G

<400> 2511

aagaatcctc	taatagaact	taaattcaac	atcatttctt	ccaaatgtct	ctttattagt	60
aactatttac	tgcgtcaact	gaatggcccc	tgctgatttt	ctgaaaccat	catgggcatg	120
tcaagagact	gctctatcta	ctatcaagga	tcccagtacc	ttaattaaac	cttaataaac	180
atcaaaagtt	attgcgctcc	gctagagatc	tttgggttct	agaaaacggt	tcagggtgcta	240
tttctgaagg	aagagatact	aattcctcca	atagaagaaa	tagttcggaa	ggtggaatcc	300
gaaatccaac	atccgaaaagt	gggatattac	aaagagcagt	atatgtatct	aataaggagc	360
cggtccataa	aagggttggtc	ttggnatctc	ttggtttcaa	ctcattcact	actggctagn	420
antcacttct	ctgcqqtcat	actttntgct	atcactgggt	cacaccctta	ccatgcccgt	480
ggt						483

<210> 2512

<211> 619

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(619)

<223> n = A,T,C or G

<400> 2512

ctntctcaac	gcacatacac	tccctcacia	gacgttcaac	gtccatttat	ccagctactn	60
ttttttgagc	agattcattc	ctgtggaaag	aatctcctag	ccttccttaa	ccaatcgcg	120
tgagataccc	attcgtctac	acaacagacg	taccacagtt	acaaccactc	cttggttgat	180
atacagaact	cgaacacaaa	acaaacatac	aaaatgaagt	ctttcactct	tgcttctgcc	240
ttcctcgccg	ctgcgccgct	tgcccagcct	catggcagcc	cccacggaaa	ccaccaccgc	300
cgtcaccacc	anaacgacaa	gcgtgatgtc	gtcaccgagg	ttgagtgggt	tactgagatc	360
gagtacgtta	ccaagatggg	cgatgcccc	ccaccgtctg	ggttcgtcct	gaggtcgcca	420
cctctgctcc	cgttgtagag	ganacccccg	agtctgacct	accttntgct	gtccccanaa	480
ngagganaaa	aaacctgctn	ccgttctaca	ctaccttggt	caacagcggt	tanacttccc	540
ttcttccctt	tccaacaang	anggttgagg	gtgggtccca	acctancttn	tgaggnctt	600
gttctttag	anantacct					619

<210> 2513

<211> 1342

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(1342)

<223> n = A,T,C or G

<400> 2513

cgaatgggtt	tctcaagccg	ccgcacaata	cgccaatcga	tatcctcaac	ctcctgctca	60
tagcaccttc	taccccaact	cgcgccataa	ctcctacagt	ggacactacc	actattcaca	120
aaacatgtgg	gagcatgggc	ttgctgagtg	tagttgcact	ggctgtgttg	atcccatgaa	180
gcagcagggt	cctatcttcg	tgccctcacg	ctacagccaa	cccgctcatg	gttaaagtct	240
taccaaaaatg	cttcatttaa	tgccctccgat	cgaggcggt	tcgatcttgg	aaagaagaaa	300
aaagtgttaa	aagggttcat	tttcaaggcc	acgattttcc	ttattatacg	catcccgaga	360
acgataaatt	cgcatccaga	taccccaggc	acgacaaaaa	ttgttcataa	gatgaccttt	420
tcggcggtatc	attctcagga	tttctactac	agccatgaat	ggatgacgag	acccgggttag	480
cctttgcaac	gctcttcgat	agcaaacaag	gcttattggt	tcctgggtcat	gtccggacac	540
tatggcattc	tccttattgt	ttttttattt	ttatttttta	cgttctgtaa	tggttacact	600
cggcgttcgg	ctttctcatc	ttacactaca	cggttctggt	cgatagactt	gcagtttaca	660
gtttccaccg	gcactcgccg	ccagcagcat	tcacccattt	tgtcacgtca	cgattcaaa	720
cctgtcactc	ctttgcgcgg	cactggcttt	gattctgacg	ctgacggcaa	aacgacgaaa	780
acttcaacac	aacatatact	actatagatg	gcgattcggt	agcgttgcat	tcctgccact	840
cgcttggaca	ctacgttctg	tggtaaacac	aggatgtcac	aaacggtcac	aatctacttc	900
gaccattttc	tcctcatggt	cccattgtct	tgacacaaat	aatgcaaatt	gattcgaagc	960
aaagatgatt	cgttactgnt	cgatgaactc	cgggcatag	actttttgag	gatggtatat	1020
acgttcactt	tttttccttt	cacttttttc	gttgggtall	gcaagtggca	catggatttt	1080
gaccacaggg	aacgggctta	catgacgggg	tttatgcatt	gcaaccagcg	ggtaaaacaa	1140
gggatttggg	ttgatcggt	gatcatcggt	ttgatattgt	attattgttt	cttcattttt	1200
tttttaaaat	tcctgggttg	tcggtgctga	catggattgt	caatgtcagc	gtgcctaccg	1260
ccagaagaac	nggctgttgc	gctcttgact	ttgctttgca	canggtttgg	tgtcngcctg	1320
tggaataa	cttcaacgcc	at				1342

<210> 2514

<211> 227

<212> DNA

<213> *Fusarium venenatum*

<400> 2514

atcctcgaca	aacgggttgg	gaggccatct	tgccgtatcg	cgccggaggt	ctttggggga	60
ctctgttgaa	tgttcttcag	aagactcgtc	caaaagatcc	tctggaatct	cttctttaac	120
ttcgtcttgc	ggctcaggtg	gatgctcaac	aggttttgat	tttacgcgtg	accgaggaat	180
tcgctttggg	cgttcccgaa	ccagaagctc	atcttctttc	tgcagtg		227



<210> 2515  
 <211> 389  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(389)  
 <223> n = A,T,C or G

```
<400> 2515
aattgcctat atatgcgctt tgatctcccc gagggccactc aaaggatttg ctgtcctcct      60
ccgtccctgc aaagtctcga gtattgggtgg agctcagtac gacgccagga anggtgtccc      120
gcattctaaa atccccataa acgacgacat ccctcgactt aattttttgcg gcgcatgttt      180
acgcgcgtgc aattggatct tgctgtatct tcccccaacc cattccttca cctatgaagg      240
ctcaattggg acgaacttat gctcgatatag cccgtctatc cattcctccc aatcactggc      300
acgccatata agttgcgggc atctgtcctt tcttcgggt tactgaggct tctcttacca      360
agtcgaaca accctgtctt gacaagaat                                     389
```

<210> 2516  
 <211> 529  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(529)  
 <223> n = A,T,C or G

```
<400> 2516
gaacatcttg atgaagctgg cactttctgag actccctaaa ggtgtactca gtgcttctga      60
tttgataggg cgggggatact ggcaactggaa ctagccgaga gcagcgtagg cgcagtggaa      120
tttctatact tggactatgc atctctacgg acgatcaatc agcaatagtc cattgcgaca      180
ttctatcctt tcagcaatga tcagatcaca accctcactt gatcaataaa agggcctata      240
caatggctct gagctcaatg tgggcgcgcc ttcgaagtaa tgggcagccc agcctggcca      300
gatcgacgct ttgagagttt ttgggtttcgc aacttggatc cccgtcatcg ccatgttcaa      360
cctgcacggt gcagaattga cctttgtgga cgcgcaccca tgtaccctct gataaacgac      420
gacaaaantc aactctgcng cgggatgtga tttcactgga aatggtcgcc ccccgaaaat      480
tggaagggn ntgggtggtga cattacctac aaaggantca ctactccca                                     529
```

<210> 2517  
 <211> 403  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(403)  
 <223> n = A,T,C or G

```
<400> 2517
nntctttact ttttttttgggt ttgtttttttg acgtcacctt ccaaacctaa ggcagccaaa      60
atogatagct gectagaggg aagcttcaca tgttttaatc ttagtacctt tatctaacat      120
tgatcattct gectgtatctt acggcatcgt tctcgctaca atccactatt tttcttctta      180
ctttctatct acttccatta tttttttctt tctactata caccatttgt aatgaactcc      240
aacagcgaga acgcatgggc tcggttactc ttggccatgt tgaatnagaa gaacctcaag      300
gatategact ggaatgcagt tgccctcagac ccattacttc tagagccatc acaaatggcc      360
acgtgcaan gatgcgatca ctgnttttcc gtgatactgg caa                                     403
```

<210> 2518  
 <211> 634  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(634)  
 <223> n = A,T,C or G

```
<400> 2518
gctgggttctt gacgtttctg atgaattaga gcaagggttc tgtgcaactcg tccggaggcg      60
cagcgcanct ttgagcgctg atgaagttgt acagcaagtc gttcttgctc tcgaaagact      120
gaagaaacaa gccaacgcag aagtagagac tcaacctttg cctggaagcc cgccattcag      180
ccgcccctggg accgnttcta ccactaatat gaatcacccc ctagctcgaa tgccaaagac      240
ganaacggat tcaaacagtt ctaaacgctg atcaactgtc agtgacgcga gaaccagaac      300
aagcagtccta tcgatgtctc aacctgttag ccagcctctt cgatcaccaa caccctttcgg      360
aagtctggggg gcgctcgcca ggccgcagtt cttgatgatg gaatatctgg caagccattt      420
gtacgcgtag gaagtcccga gacacaatca gaaccaggat ccttcttta tctggcatta      480
gtggcccggc accccgatgt ctcttgaaac gcaanaacag ttccaggcac tgggtgggcaa      540
caaacttcac acaaaccgac nattnaaaaa cgancaangg ttgtggaccc ctccattttg      600
ctgagggtgc aagnanggtt tataaaaaat annt                                     634
```

<210> 2519  
 <211> 203  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(203)  
 <223> n = A,T,C or G

```
<400> 2519
ntacactcat nataacntac ccananatac actccnccgt ttenacattc gtgctnattt      60
natgccanta tggcntagtc tcnacatg acgctctact aaggcgctcn tantcttcga      120
gagngagaac tgnntctacc cgagaagctg naaggtgcat gaccngntgg gtganctcat      180
tgacgaganc ttttcanaac atc                                             203
```

<210> 2520  
 <211> 137  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(137)  
 <223> n = A,T,C or G

```
<400> 2520
nattgggtttt tttttttggc ttaaaataag ttgntlyggt aagggtctac ttgggtacac      60
cgggaggaac aagaaaccaa actccatcta tgcttggtta taccgcgcgg atatggcatt      120
aactaatttt gccctc                                             137
```

<210> 2521  
 <211> 553  
 <212> DNA  
 <213> Fusarium venenatum

<220>

<221> misc\_feature  
 <222> (1)...(553)  
 <223> n = A,T,C or G

<400> 2521  
 cattcgcata cgattattca catcatttgt acaactccat attttgctg cttccaaaaa 60  
 cccaagtc atcacatttg ctccctgatt ccccgacgtc attccctca ccgttacaat 120  
 ggcccgatc ctcccggtta ccgccaccac attggcttca acgcttctct tctctctatc 180  
 ttcagccag gattgcaaat tccaaacct naaagacatc ataccatcc cccgtcactg 240  
 ccgagaattg gagctatggc cttgttgcca acgagcttag acggccccga ggcattctgt 300  
 ttgacagcaa aggggccctc atgncataga ttctggaaat ggtttcttca ttcgactcg 360  
 aggatggagg anggacatgc ctgcaggtoa ggaagaagac accctgctcg aacangacac 420  
 ttggaatatg gntcgcctat ttccaaagat ggccgaactt tttttgctnt ttgnccaatg 480  
 aaggntttgc atgggcctcc accccncaaa ggtnccttaa caattttcag tccanacctt 540  
 ggtnacaaca tgg 553

<210> 2522  
 <211> 729  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(729)  
 <223> n = A,T,C or G

<400> 2522  
 ccatgattca acatgcgatg cttacaaaag acacaaacca tcagtctcta gtcattggtga 60  
 ttcaacgcga caagtttatt ccagtcacatc taccctagat cattcactca ctgataacta 120  
 cggggctcca atttattagt gcgtcactc cagcatccaa aactccatac cccagaattt 180  
 gcgtcaagcg agagacgatc catatcatgg accaccgaca gggacgggac tccagtaaaa 240  
 taataacacc gagatcttcc acagaacct ttttttaatc agatctctga catgtctgac 300  
 ccgacagttt gttcatccac cgagatcatg ccgaacgtct gtggttttta aagttgacga 360  
 gccccgcgtt gatcaatcaa tgggtctgag atgggacgag atgagatggg tttatctggg 420  
 gagatgtgag ttgatcaaga gataacagat aacgattgag ataataggcc gagtaggacg 480  
 atagccattc agttatgcta aaccgaccat ccgtatcgct ctctcgaaaa tacacctacc 540  
 tcgaagccat cggcaggcgt ncaattgctn aaccaaactg nccgcgcctt ggacgcgtct 600  
 acaattaaag tactgcagcc gaattgacgc gacaacggng aatcatacnc gcgacaactt 660  
 cnggggcgac gaaatctact tgcaagtgtc aactnaatat tcttcaatca cggcgcaacc 720  
 tnttttga 729

<210> 2523  
 <211> 627  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(627)  
 <223> n = A,T,C or G

<400> 2523  
 cagtctatgc tggagagcct gaaggctcgg gtcaaggctg ttgatagatt tgtcagtttc 60  
 ttgagatgca tggacaaggc gaaggaatcg atcgtagccg agtcagtga cctgaaggaa 120  
 qttaccttct cttacggacc tctggcatcg gaggttagta ataaggacca nccctctoga 180  
 ctttggagga tcaactccaa cctatcccaa aacgatattg accttgtcat gggcgnaaca 240  
 aacctnate ttccggtcac caatttgatg caaaaacttg ttaatgggtc caatggcacc 300  
 ggggtctcga tgaactggct tcccgggtcc ctaccagcac tagaagcggg caagaaaata 360  
 agagaaacat ggagggatgt tgaatcacnc catcagggac ggttcagggt catgatggat 420  
 tctgtggatg anatgtcaat tcagtacttn tgttacagga actgggtccn gaaaccatcc 480

gatccattgc	gacatcacgt	ttctccccac	atcaaacatc	gccgangcga	nccngngtg	540
catatnatgc	ncaagccttt	taacgggctt	togtgnaaa	cgatgagttt	taaaaacgct	600
taaacccgtn	tgggaaacaa	cngggga				627

<210> 2524  
 <211> 524  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(524)  
 <223> n = A,T,C or G

<400> 2524						
gnaacattcg	ctcttqqtca	tccttcaacg	cttctgccat	tctctctctc	cctgggtgcct	60
tygcctctct	tacnaaccc	gttcccgccc	ctctgcttcc	tcaacctacc	tttacttctc	120
gtcaccctga	naacgaggct	caactccact	ccatctatgc	ttcatactac	ctacccaagc	180
tgaactcagc	cctagccata	tcttctactc	gtccctcgca	cctttnggtg	cctcctaaga	240
ctaattggcat	gaacgatctt	ctcttcgttg	ccaacgcctn	tggggaatct	accactgcgg	300
ctgctatggt	tgggtggcaag	cccactgccc	gtgtcgtcgg	tctgggtcgc	agcttcgac	360
gtttcaacac	tggtatgcgt	gttgagggca	acatcaagcg	tgctgagtag	ctccgnggccc	420
tctcagctat	ccatcatgct	atgcccanc	atgggtgccg	ctacngcttc	atccttacia	480
aatgagctc	gtcttggctc	naaacggcac	tggaaacacc	cctt		524

<210> 2525  
 <211> 611  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(611)  
 <223> n = A,T,C or G

<400> 2525						
cttcaccata	catttgaaaa	taggaaagag	tgatctagaa	tggacagaag	tttcatattg	60
tctagacggg	aaagattcaa	gttcctagta	cctgggttcc	gtcgtgttgc	tagtaattct	120
gattgattgc	taaaactaag	gctagccgct	tcttagcccg	atagcgatcg	gcatttcgga	180
tcccagtcga	caaaacacgg	tcaattcaac	ttcaaccacc	aatcaaccc	caagttcacc	240
ctgcaattca	tccgtagccg	gcacctccat	cataacactc	actcgctcag	taactcacgt	300
taagtcaact	tccctggctt	cgtgacctcc	gtatggccct	actcgacaca	cggaacagag	360
ccgacagggt	cccgaatct	gtatttgccc	tnattagagg	cacctaacct	ttcaacgatt	420
cgtttcagag	tagcctgaac	cacatntagg	cgacgcattg	nagngggctc	gtttgncatc	480
attcanggca	tacactacac	gtgaatgccc	tgatgggcga	cctgggacac	ttattctttt	540
ttaaagangn	cgagacgttc	ctgaatatcg	gctggccttg	ggctanttta	tcgaatgntt	600
ggaaaaaccc	n					611

<210> 2526  
 <211> 568  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(568)  
 <223> n = A,T,C or G

<400> 2526						
ctacgcattc	cgaatcagct	ctctttgggt	tctcggcctt	tctttttgat	tgagccatt	60

cgttttatac	attatcctac	gagtcggatt	cgctcattta	tagtgtgcgc	agatgacacc	120
gccaagcct	atttgcggg	aggaaaagcc	tcaagcacgt	gaaagaacct	cggtcagcta	180
cgantttgtg	cttgaggatg	agtttgatgc	gctgtgcgtt	gaggtgaaga	ngaacgacgg	240
tgactctagc	ggtaaaagca	gcagcggtaa	caagtatcct	gcaaaaacttc	catgcgcgca	300
aggttgccaa	ggancttggc	gtttccgaat	gcctcatcta	tcttccttgg	ttgagcccta	360
cgcgctccta	caaagactcc	aattcaatcg	ccccctttc	cagccacgga	naaactttct	420
actatatgan	cgcgcgccac	ttccgactg	tgtttcccc	tttaaganat	cctacgattc	480
ncctcactct	cctgaatccc	ctaccccgac	cngccagttt	tttntcatn	ggcccactcc	540
cnaccccncc	gaagccctgc	aaaatata				568

<210> 2527

<211> 240

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(240)

<223> n = A,T,C or G

<400> 2527

ngcacgctat	gatacgttgt	attngagctt	caatcgaccg	tgnactctca	atttggtcgt	60
gtacccagac	gtcaagaacc	cggcaaatta	cgcctnaga	tatcggccta	ctggacaaaag	120
ctttaacagn	attaaatcat	gggttttgc	accggcttta	ccggcggngt	cacgctnacc	180
ctctccctcg	gctacctctc	agngctcgct	caccagcgca	ctcgtgagca	acaaggctca	240

<210> 2528

<211> 589

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(589)

<223> n = A,T,C or G

<400> 2528

gagagcatgt	atcatgggtac	tggagccaag	ttcgtcagcc	ttgccgatat	cccgcгаааа	60
ccgcгааааа	ccgacgcgcc	tccatcctat	tgcgacagcg	aaccaccgcc	gcctcctcct	120
cccataacgt	agaagaagcg	tcgccgagtc	gatagcgaaa	gcaaaggcaa	agacagcgac	180
gcgatttctg	agatttgggc	tgagctcaaa	gcacgagacg	aacgcgaccg	aaccgtacaa	240
ctcgagctgt	cagattttaa	gcaggagaat	aaatccctgc	gagaagcgct	cgagcagatc	300
cgtcnccaaag	ttgccacgtt	ccaccngaac	ctggatgact	tgaaacagga	tgtntggcac	360
cttcaaggic	tagalaagtn	caatacacag	acgttggaag	ggttcgatac	aaggctggtc	420
gagttgcgtg	atgatctgga	agatcttgat	gcccggtcgc	attcaatcca	agancatcgc	480
gacganaacg	gtgtggctcg	cgactttctt	gataaagtcc	gcagcgacgt	gtncgatgat	540
attatacccg	tctcacnggc	tgagcaccat	taccantga	gantcantic		589

<210> 2529

<211> 545

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(545)

<223> n = A,T,C or G

<400> 2529

aaacctgct	gccttcttcg	ccgcagcccc	tcataccatt	atcgagggtgc	aaagcatgcc	60
-----------	------------	------------	------------	-------------	------------	----

tagcacagaa	gcgctacggg	gcatactaca	atgccgcgcg	acatcttcgc	cgagcgcatt	120
tccggccgca	tccgggtnggc	aaggccagtg	gcgattggcc	atccatgagt	gttttgaagg	180
attggatgcg	ggaagtacgc	caatcagttg	acgtacccga	tgagcatttt	tccagcggcg	240
aagacgatat	ggacgaattt	ccttcaccag	ccaactacag	ggactcgatg	tgcgatcaag	300
ctcccatgat	tcctgaagcc	caaccgcctg	ccgctgtact	ggggccactt	ctctcttcaa	360
gtncgtgtga	acagtcgata	ccgattgaac	gaaccagccc	atctcgacaa	ccgccgaaaa	420
ccgaacgaag	tgtcccntcc	agacntggtc	naaattccgt	gactggggctc	tcccatgctc	480
ccccccncaa	gaaaagccga	aaagtgcgga	tgttacgtgn	gaatacatat	aaaggttggg	540
ccaat						545

<210> 2530  
 <211> 598  
 <212> DNA  
 <213> *Fusarium venenatum*

<210>  
 <211> misc\_feature  
 <222> (1)...(598)  
 <223> n = A,T,C or G

<400> 2530						
gctgcgactg	tcatecgatc	caaaaagtaan	ggggaaataa	taaaactcgc	tcccgtctct	60
tgctngaac	gatctgtggc	ataccaaaacg	atctcgagct	ttggtttggc	ttgacaaaaca	120
aagcgggctg	tcctttgttc	ataacgctac	ctgtaagtgc	ctacctgcct	agatgaattg	180
caacttttga	tgtcgtgtcg	tgctgtatcg	ttcttttacc	tcattttatt	ctgcctatcc	240
catccctctc	gacatgtcta	tccaaacttt	tctatatatt	gattctttca	cataacttat	300
ctgcctgggtg	tcgtcatgcg	tcagacgcct	gctttattcc	agggtccagt	caatcagaca	360
ggcgttttct	aggattctct	ttaaaatttt	tgntcctcga	ttacaattaa	gtctagtatt	420
acgttttgtt	tcttcggggg	gaaagcttgc	agggaaaagac	catntactta	aaacagaaaa	480
tctcccttac	gatctcgact	cgaacaaccc	gaaattttca	atatctgntt	tatggccttt	540
tggagtgggt	tccttcatga	aatcaacggt	atcaaacccg	ccntntttat	ccaattca	598

<210> 2531  
 <211> 702  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(702)  
 <223> n = A,T,C or G

<400> 2531						
caccacaata	taccacacaca	agtcactccg	aattccctca	aalcaaaatg	gtctatacta	60
tcgttgttca	cctctacgcc	aaggacgatg	aggagtccct	caagaagctc	accgccaaagc	120
tgattgaggc	tagccgcgtc	tactctcagg	acaaggagac	cctgtcgtgg	cacgttatgc	180
agtcacctc	tgacaagcgc	gcttttacca	ttgtcgagcg	atacgagcaa	gagagcagcc	240
naaagtatac	cctcgagaac	ccttactgga	agactttcga	cccttacgtc	attcccttcc	300
tggagaagcc	catggacttg	cgacgatttg	aggagcttga	cactagcaag	gacgtcgagg	360
ttcccccata	aattatcaac	aaactcaatt	cactatcaaa	tqaaaqattc	aataactaagt	420
gtccagtcac	gtgtttccaa	acgagaaaay	acccatgaac	cgactcttga	tagatgtatc	480
ctctgcttcc	cctccgttct	ttagacaatc	actcttccctg	gggtgaaccc	tagtgcataac	540
catcgatccc	ttaaaactggg	ctttgtcaac	agccgatctc	caagttctgc	ccatttccga	600
ctgggggaat	atgaagcaat	ttctcacact	cagccgggtcc	tatctcttcc	aaaatgctta	660
ctctgttctg	acagtctgtt	aaactcctat	attctctgtt	ca		702

<210> 2532  
 <211> 292  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(292)

<223> n = A,T,C or G

<400> 2532

tgtggagcag	aggcgttgaa	gaagaagggtg	gacgacgatt	tagacgatga	agacgatncc	60
ccgtcgggtcc	agaaagggtac	atcatagaag	atgaagggcg	aacagaaactc	agggacacat	120
gataagcaag	ggaatagtgg	agatgaagggt	ctcgaacaca	tcggcaaagt	ttcacaccaa	180
caagtcaagc	gatcaactac	taagcatcct	ctggagagga	tctccaggat	acccatttcg	240
tgcaactcta	gctacgaccc	tactcggcgt	ccggtgtcag	ttgtcacaat	gc	292

<210> 2533

<211> 577

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(577)

<223> n = A,T,C or G

<400> 2533

ctcatcgccc	caatcgatgt	ctactatcttg	cccaccacca	ccatctgcag	cgcgataaac	60
gtggaatata	catttttaagg	gacttggatt	ttatgcaagg	ctgaaaagggt	ccactcggcc	120
tattttccccg	agctgcgcga	caganttgag	agctcgcttc	gaatcaaaat	caaatcattg	180
tactacgcgcg	catccacatc	gatctcgctc	gattacctct	ctctttcttc	acccttttct	240
agtcgagcgg	tcaaaactgga	accgagtcgt	atcataaaat	cgacagaaca	tgtctccgct	300
atccacatca	gcacacgat	cggcgctcgn	anctggccca	caccactggc	tctgcccgtc	360
actctctctc	ccgatactct	cgangcccta	tccganctct	ccctcgtgct	cgcacgcggt	420
cgcgcgcgca	ttcaatcctc	agctggggan	taccacgcga	cctgcgcctg	gaaacaacng	480
aaacaacnng	cctggaacta	cactgtcttt	caaggatggt	gccaggaaca	actgaanggc	540
taaagcataa	netgcaacaa	ctcgtgcaca	aattcgcg			577

<210> 2534

<211> 573

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(573)

<223> n = A,T,C or G

<400> 2534

cacgttatta	gcttcttgac	ttgacttttt	catcatcggt	ctgcatcttt	acactttcat	60
ccgtcaggaa	ggcttcataa	ctgcccggct	atcttgtgcc	cagtcacgtg	aacactgata	120
cagatagggtg	taaggcagac	aggcgcgccg	tcagtcatgt	ctgtctttta	caaccacctt	180
ggggggcgca	cgagcgcgtc	ttctctcgta	ttgctatcac	cggacccaat	catcgcgaagc	240
tcagaggatg	ataacacagc	aacccctcgac	cccgaaatct	acaagagctt	gacccgacaa	300
gagaacaaacg	cgtgatggga	aaccaaccaa	agaagcgaag	tcccaaancc	aatagcaaac	360
ctgcttttga	ctcttcctgc	aagaanttga	atcttcaagg	ccaagcgaac	acaaccgaga	420
gaagaaaaaag	agctctacat	cnaaggcctg	ggaagatgaa	atttctccgc	ctcaaaggag	480
ggtttcaaac	aattqgtttcc	cttggtntaa	ggagaanatg	gcttgattga	gaaacaaacg	540
ccttgccggga	naacctttgg	aaaaagctga	ggc			573

<210> 2535

<211> 250

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(250)

<223> n = A,T,C or G

<400> 2535

ggttctcaag gctaattgatg agaccgtgcc acaaaaggac gagagcagtt tagctgaggc	60
tgaggctgaa cagacggctg accagaactc tgagaaggca agggagatgg ccgnagggat	120
tgtcccagag tcagtgaaga agaggctcgca ataaaagaac tcgtcattga aacgaggtgt	180
accatattat gaggagggcc aagctctgca caaaaactgt atcaattact gtatcaaana	240
aaaaaataaa	250

<210> 2536

<211> 137

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(137)

<223> n = A,T,C or G

<400> 2536

ngccccagaa gngttcnaag gatgggcaac atgagcaagc ggcccccnna ggcgaganga	60
agctgnctgg agccgaanag gagangaggg ccaaagagga gaagccgtta gacgcgcaca	120
ngccaagggt gcccaag	137

<210> 2537

<211> 514

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(514)

<223> n = A,T,C or G

<400> 2537

cgcaggaatt tttttttttt tttttttgcg attttcagtc gattcaaattg tacaattatt	60
cgtgtacaaa caaatgcatg agaattttct atcagacata agtctaagat aagccatgat	120
tgagatacaa ggatatcgaa aaactcagca cgaaaaaggt tagccgctga taaaactcaa	180
tacacatatg acccgtttcg ttgagtgcg gcattgcaata atcactccaa taattcaaac	240
atgaaaactg aagtcgttgt gttgaagatg tgtttttttg ttatttttgcg atccgcgcag	300
aatgggcatg gtccggagatc ccgacctttc ccgacgagca atttacagct tccgataaac	360
ccatttgaac ataattggacc caaatctcga aaaaagggca cagacccaat cagctatcca	420
gcagtcacaa aatctagggt cttgattgac ttctttggct aatgcacagg tgttgataag	480
gggccttaac gggccacagg gcgggtggtn tttt	514

<210> 2538

<211> 594

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(594)

<223> n = A,T,C or G



```

<400> 2538
ggacaacccc gccatcatcac atcaccaact ctacgaaagg tcccccgagg aacnaacggg      60
ggtgttactc tactgggact ggggtgcagggt ctgctagggt ccatgattat tgtcactgcc      120
tctatgctgt ttctgccatc gtgcacagaa aantcagctc aaacgcccgc aggtgggtgg      180
gcaccatgga caatgctgga gcgcgcgaaa ttcattgggt tcatgggtgct ctgggggtgct      240
cttggcagtg tcttgacag tttcttgga ngctctgttc aacgttcagt tctgacgta      300
cgttctggta aaatcgttga aggtgaaagt ggcaaccggg tgcctgtccc gaattctactg      360
anggtcctgc agcgcatttg aaaaagaana ctcaaaaaaa atcggaaggc tccccattgc      420
agatgatcac aatctcacc gaagtttacn acccaaggac aacaccgcaa ttcattttgg      480
aattcaacaa ccatcgnga acattgaaaa cgggtggatc ttctgganaa caatnangtc      540
aattcctcat gcactatana aacttcgcgc atgcgctgca attggtactg gant      594

```

<210> 2539

<211> 340

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1) ... (340)

<223> n = A,T,C or G

```

<400> 2539
ngtatntttg acgatctttc caagcagntg tcnttaccgc aaatgtttnt gnttttccgt      60
gncccccgag acngagggtg taccggggga cgtttttact tcaattttgt ttctttgacg      120
gctgccaaan gaacnaaaag ttnggggggg tntatgaccg tttaccggg atgaaaacag      180
gngggacgtt tccgtttacat ttacantctt ttcatatgng ggaaaanttt tgggggtnggt      240
ntttaanggt tccactgcn taanggggtt ttcgttttng gnggtccntt gccaaattagg      300
caanaaaaag ttgtggttcc tnaatttttt tgccaaaccg      340

```

<210> 2540

<211> 613

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1) ... (613)

<223> n = A,T,C or G

```

<400> 2540
atttcaggga gctgtttctc tcattctcgt acgtacaaag aaaggtagca cgctgggcgt      60
ggtaacacca tggatttcga ccaatctcct gaccgtcgag cctcacaggc aagctttctta      120
tctctacaac agcttgaccc ttccccgata gattctccgc cagcagatcc cactattgac      180
cgccgtgato ttgggcgact acctcgagga agcgatgatg ggtacgagat ggtgaacgct      240
gaggaaatgg agaacagcac ctcatccatc agggccccct cgaccgggtg tccaggtttg      300
agtgaagcg cgaacctcaa ccagtctgga gctggtcctg gtccctatct ctaccttatg      360
cggattcaga agttctcaag ttacgcaatg ggtatcttca catcccttca tcttgccaac      420
gtttccctca tcccgtatc actcgctcgg ttcccggtc cgaaacctac cttcttatga      480
cttggtgaat ttaccaaacc tactnaccga acccatactq qtcqctctac tatcatcggc      540
catatcggat cangaattgc ctccgattac tgaggangtc gcaagaacat gcagcggtag      600
cgtgcaacgg ann      613

```

<210> 2541

<211> 530

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(530)

<223> n = A,T,C or G

<400> 2541

cagagaaacg	cccagaccct	ctctcggtct	ttctagcgaa	gactgcaaga	cagacaagct	60
cttggtcaac	agcttggcct	ggctagcact	gccgccttca	togtattttt	cctttcggtg	120
accaactagg	aaatgtgtcg	tgtttcacc	tcttagtcgc	ccctgttatt	cccttcgagt	180
gtcgcgtgct	ccatatactc	aaacgggtcat	cgatcaaccc	accgtcgctc	ccttgtgcca	240
ctgagaacag	cccaacagaa	aacgtgatcg	acagccccc	agttacagag	ctgcgacgct	300
tagtctatgt	ggctctagcc	gtggagaacg	gaaacaaggt	taacttgact	taggttttta	360
ggcggagcaa	taacaagctt	aatccgtttt	ctggtatccg	cttgtgaacg	acgttttcgc	420
cgaggcgaga	catggcgaga	acgcacgcag	atgatagtaa	acaagcttta	ccgacaatta	480
gaacaacatc	aagacngcca	tgattttatc	tatactctat	aanaaaaaaa		530

<210> 2542

<211> 230

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(230)

<223> n = A,T,C or G

<400> 2542

gactcagaca	tttgtcgcat	tggccaaaga	gcagcgaccc	gaactgggtg	agaagctgac	60
agttttctgc	gctctcgctc	cagcagccta	cgctgggtcct	ctcattggca	agatgtactt	120
caagttcatg	cgcacatcat	caccgggtct	gnttcgggctt	atgtttggna	ttcatgcatt	180
cattccttca	tgaangcana	tgcacccaat	ntgggcgcac	gttatccggt		230

<210> 2543

<211> 113

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(113)

<223> n = A,T,C or G

<400> 2543

ncgcttgang	atnccgatac	caggatggaa	cncctattaa	gaagtganac	tcagcngggg	60
ggggaatatt	tcaaggnaan	aacgtcactt	ttgnaacncc	gatgtgagcc	gaa	113

<210> 2544

<211> 249

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(249)

<223> n = A,T,C or G

<400> 2544

ntatadacgg	agcatteatc	gttatcgcca	actcanaana	cttcgttgcg	nacccataaa	60
cattaaaaact	taaaactttat	tcacgatgcc	ttcaattctc	aaccttggtta	cccgatccga	120
tatgcctgcg	gattccaatg	gctcaaanga	cagcatgaca	acctgatgct	tggccttctt	180
ggccttgctt	tcctcggtct	attctggggg	gcattctggt	ncctttncgn	cgcgctcgtn	240
ttaaaaaca						249

<210> 2545  
 <211> 587  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(587)  
 <223> n = A,T,C or G

```
<400> 2545
aacaaaagcc cttttggcga cgtttgttca tcgacgcata ctctacattg tattaactca      60
ttgtcccacg cttcacccgt attcttggag accgtttttg ctctgtctca gccctcccgg      120
tcgattgcgc aaatcagctc cgtcgcatat ttctttgggt tgaaaccctg ctctgccatt      180
gtcgataaga gctacactac taactgctctg ccatcatctg tctattttaca atcgagcatt      240
gtacccaagt gccgcgtgcg ctgtctctgt taggartacc tttgttgaga aaaacaaccg      300
agggctattt attgttttgc ggootgagtt cctattcagt actgtaccct gctgctgcac      360
gagatacttt tccgcgtgca cacttctgca ggtccgatct ttgggggggt ttgccgataa      420
cttttttttc tccttatect gtttaaaaga ttcttgggtg cccctctctc tccggccctt      480
ctctttccat catgtctaca aagcgagaca ctcccgctct acaacccttc ggccactgaa      540
cctgangtac caacatggcg ccaacacgaa aaaaaaagt ttgccgaat      587
```

<210> 2546  
 <211> 222  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(222)  
 <223> n = A,T,C or G

```
<400> 2546
nttgcacctc gaaaaggcta tnantcttgc ntatacnccc actatccccc atgaccaacc      60
tgtegccatg gattntttgc gtcactggga aattatgaca attaaaaact gcctggggaa      120
aaaaaaaaan aaaaaaaatt cttgcggccg atctaacctn cttgtagagg gcccaattcg      180
acctnttggg gagtgatann caattttatt gcccgggggt ta      222
```

<210> 2547  
 <211> 634  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(634)  
 <223> n = A,T,C or G

```
<400> 2547
cttggagggc gcacgnnggc ttgtcaaccg gcgattgtgc caaggtcaca cagaagctcc      60
cccacgtcgt cgacaacatc cttcttggcg acgacaagga agagaagaag caactcaaga      120
ttgttttttg tctcctcggn cttcgagatg atgatttgcg caccggccatc tctcaaggta      180
ttggagccct acagagcaac aactggggtc ctgcatccga ctcttcacgc ttccgtctgt      240
attgggnaq tgtctcttcc gacgacattc tcttcgcgag cactcgacac ctccgcctt      300
atgtcaaaaa gtggctcctc tccgttggnt acaagaaaca gctcaagnat atgacaaatc      360
gnttntctca ctacattggc tacataaggg ncaacggtga gagtgcacag tctggggcgc      420
tgnaacggaa gaacgctaga acaagngcta ctctatccgn ggggcaatgg acgaaataag      480
cttgacccaa aacatgntgc gccaggggga atataaantt gcnacaaatg gggaactggg      540
gaaatnggaa ntggngngcca aggacaactt ccaagggggt cgcnatgggg gcgaaacaaa      600
```

acattcctgc ggganaaata aaatnctacc cncc

634

<210> 2548

<211> 571

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(571)

<223> n = A,T,C or G

<400> 2548

gcagatagca	atgaagctgt	ctagagttac	gctctacatg	ctcttgacag	ctggctgtcg	60
aggtgcatac	gttcagttcc	aagactgctc	tgagggtcat	gactcttctt	cactcattcc	120
tgagagtttc	cgcccatcgg	ttgagagggg	aaggqatacc	ttcgactgga	agttcgatct	180
cattgtctga	ctgatggatc	gttaactcctg	cgangttaac	cttcttaata	ttattcctcg	240
attctcaatt	gtcgattatg	gaaacgccac	tccttaacgtc	tcgggtcaga	ttgtcaataa	300
ctcctgcttc	acaacccaaa	ggattggctc	aaggtcgaaa	ttcaccatta	ttacttcatt	360
taaccgggtca	aagctactcg	acacgtacaa	gactaccttt	gagttaacca	gccccgacaa	420
caccacacta	tcttgcgtea	ganctgtttt	aactcccgca	gttcccggag	cgatacgcct	480
cccttgggtct	ctgggtttcc	aatcgttggt	tttcgccttg	ggcttgtttc	acagccatgt	540
tggccagtc	gacnaaanca	cgaaggccca	a			571

<210> 2549

<211> 590

<212> DNA

<213> *Fusarium venenatum*

<400> 2549

taggactaga	catTTTTtota	ctatTTTTgog	totgoggaaa	ttacgactgg	atttgatcaa	60
tcattgtcca	tgcccggtca	cctctacgcc	atccactcat	tacctcctta	ctttttttta	120
acaatacgcc	ttgatcgaa	cgactggaga	agatgggaat	aatgccgcaa	gtgccctact	180
agaagtcata	cttccctctg	tcctatcat	ggacgtcgtc	ttggcataag	ggcattttag	240
cggcactcat	accccggtgt	aattgcacg	tttgTTTTct	ttctttcacg	actgggagtt	300
ttgtctcctg	tgtacaaatt	ctcttcgtcc	ttttagaaga	cggggataaa	cccaaaaaga	360
ggaggacgat	aggtcctttt	gggacatggt	ggatagtgtg	atacagagca	aggtgtcaca	420
ggtgcactcg	gacgcgggga	cggacgtcaa	cccctgagag	atattacgaa	ttcagtgggt	480
tgactggaag	tacgggatgt	tctctogtgc	ctttatttat	ttttcaactt	ggttgttate	540
ttcgccact	atcatgggtg	tggtccccct	gtatgttagg	aattcgcata		590

<210> 2550

<211> 560

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(560)

<223> n = A,T,C or G

<400> 2550

tggttggtgt	gctatcggta	ctttcatcgt	cttgTTTTtca	cogaaccttg	cagccgccat	60
cattggattt	atcatttoga	tttttaggata	cgtcatgoot	gtctcttttg	ggtcgttctt	120
tgcttcaaaa	ttagagaaag	actttttctg	acgactattc	gccggcattg	ccataatgga	180
gacnatgggt	ggctctgtcg	gacagccctt	tatgacagtc	acctactaca	ctgagagtgt	240
acctttttgt	atatogettg	tgaagtattt	gatcatgctt	ttcttgctta	tcgggctagc	300
aatcagaatt	tgatgtggcg	aggaacagta	tacgaacacg	aaatctcagt	gaccggcatc	360
caagtctttg	atccgggtcg	agacttgtcc	taatatctta	atcttggtgt	aatttatcaa	420
gcnaaaggaa	tggtttantt	tcccttgtea	tctttcatat	cgtctgtcca	acgaagtcaa	480

cccacgtca ctaataattg aaaatcttgg ctctacntca atcttccaca gaacatgaat 540  
ataagatcaa tgcattttct 560

<210> 2551  
<211> 832  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(832)  
<223> n = A,T,C or G

<400> 2551  
gaagacgaag agcctgttgg ccttttcage ctcagccacc gccgcgccaa ctaccgcaca 60  
acuaaaatgg nacctgtctg ccaaggaatg gaaagctccc ccgaagagc tcttgaggca 120  
ttccccgaat ttggattllac ccatactctgg aacatagctc ctctctggga ctccaaaggt 180  
aacgctgctg ctgtcaagct gcagcgtgaa atcgattcac tggctcttga yggcctatcc 240  
agcctgaatc atcgccgcaa caccttcgc actacctccg caagccccgc agcgcttgac 300  
acacggccca agcaacgcat ctgcagcaa tctctgccgg tgcacacctc agatagcctc 360  
tggctcgtgc acacgtcgtg caaggatgtt agcgaagtca actggctcgc tctcttcaca 420  
gtcaggccga gagcaacctc ggttgcaccc ttctctgatg acgaatatat catgtctgta 480  
cctgctctta ccagaacctc ttcatcaaaa gtccgagagg tcccacctg ccgcgactcc 540  
tgcaagagtg gctcgtctgt ctccgacgag gccatcaagc tgggatctgg caagacctg 600  
gaaatcgata ccgaaggctt ctaccagctc tgggtcaaac ctgaggctga tgacgagcct 660  
gttatcgctt cggatgaact cttggaacct atgaacaacc gcttccttga attgacctct 720  
acaaaagagg cgaatttcgn ncaagtgtat tccgagctcg gnactttcca agcgtggcgg 780  
caccanaaa gggcccgctc ccccatgccc tatgtacctt ggctttttct ng 832

<210> 2552  
<211> 301  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(301)  
<223> n = A,T,C or G

<400> 2552  
ttatcaacct cattattcat gcgattnacc aagagaccaa tatcattccc acgtttacct 60  
tcacgncaa tatectgcca gattaggatg gcatgatcta agtaagctcc anaagcccg 120  
atccaaaatg cctactcaaa tccgtttgaa gtccgggac taactacata tccctgcac 180  
ttggcgaaag gcattttcac atgtnaacat gagagcttgt tcttnnatc cggagcgcg 240  
attatcgatt gctgtgcagc catecnctc atcattttcc gtggcancat agagttgctg 300  
t 301

<210> 2553  
<211> 292  
<212> DNA  
<213> Fusarium venenatum

<400> 2553  
gctgctagca tcaccagcaa cgacgccagc gagcttgcgg gccagatccg agccatgcgc 60  
gacanggtcg agcgtctcgc catctaagat acccaacgaa ccgaggagga aagcaaaaga 120  
tgganaacct ttctgctgtg gggcagccgg cttcaaaagt ctgtttgttg ctgctgagat 180  
ctgtgcgcga actttgatga ttccggtccc atcatatggt gcaataattg gtytatgaaa 240  
ttaggccttt gggtagaata gtaatatcat caactgtctt gacgaaagcc ca 292

<210> 2554

<211> 590  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(590)  
 <223> n = A,T,C or G

```
<400> 2554
ccccgattgca atacactact gtcaacaacg cttggattca tgaacaccac tacatcgccc      60
atttctcgac atttgettgc aattctgggc atcaaaaacg ctctacgaaa ccccggtctt      120
gggettaccg cgaacccttt cgttcgctt tgggggctca cccagccgcc cctcccgttg      180
ccgctccact tcacgcgcgt catctcccca ctogaacacc atcgctctaa ggtaccgact      240
gcactgtact caatcangac ctcggtctct tagtacttcg caaagtataa gcacaatcat      300
ggagctctct gcaaatgtta aggtctcggt gccccaaata gtanctttct cgtgggctat      360
cttggtatct cagcgactct gcgcgcgcat gaagggaagg tcnaaatacn tctggccagg      420
ctttctctat ccgglaccgg tctctctcgt ccgaatatgt ctacagcgcc gaaaaacaat      480
acatcctgat gccgacagca ttgcgaaacg acatttaagc gctcctcgcc gcgaaacaac      540
ggactggctg gcaaggaaca ctctctcttc nangttcttc tggaaaanaa      590
```

<210> 2555  
 <211> 150  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(150)  
 <223> n = A,T,C or G

```
<400> 2555
ngccantggt tccccccng gggggggggn gggccttnaa caaggtggcc cttggtgggg      60
gcccnnnggg ggggngtgc nccccctcgg nggcttggan gggtttaana tgggggagg      120
gggttnaggg gtaanggggt tggttaagttg      150
```

<210> 2556  
 <211> 565  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc feature  
 <222> (1)...(565)  
 <223> n = A,T,C or G

```
<400> 2556
gtcggtatct ttgaattctg tggcgcagac ctgcctcttc cctaccatct tcacctgttt      60
gtctcccccag ggggttagaa aatgcccaat gaggggtgagt tgccatatcg ccacggctgc      120
atgggtctag tggcggttat tgggttgcaa cttttatcac tgcagagcat gatgacgacg      180
gttggtctatg gaatcctggc attatgcctg cgtccacgct cgtatgtttg ggcattttac      240
gaaacccaca ttgccttgac ggcgctacgg ataccttcga ttttcagaac aatcacgtcg      300
ttgtgttgtg attctgagtt gaggggaacc caaggcaggt ggcgggagtg gccagattg      360
catctctgac agttaagaca galcanggta aagtttcggt atctgttccg tcatgtctgc      420
caagtcagca aatttgagcc cgttttgacc ttgtcaagtt acctcttggg cacgtttngn      480
tgaagtccr cngtctctcg gtgcgggggt ctgtagtaaa tgcggttanc gatgggggct      540
tgaacgtctt gncctgaaac tttgc      565
```

<210> 2557  
 <211> 162

```

<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(162)
<223> n = A,T,C or G

<400> 2557
ntaacanaac ctcaactgagg gctgncnaca tgaagntaga tcnttcaggc taaaaaagca      60
tctagntatt gnacaatgag aaccanttaa cccatggtaa agctttgcag gngntaaacg      120
gnatcatgga aatatcttct tgcggtngtt ngagcatgca tc                          162

<210> 2558
<211> 627
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(627)
<223> n = A,T,C or G

<400> 2558
atctngccca caaggtagca tagcaactctt caggacacct tctcccagat cacatccggt      60
cttcaacttt gcaactcacc gacggtaactt tcgcaagcgc accacttctt tacgtacgaa      120
atctttacgc cagatcttgc aaatggccga ttcttccctt gccgncaacg gcaactctct      180
tcttgagacc accaagacca acgcgcgcgt gcgtagcaat cgggttgccaa cgggcccgtt      240
gctcaaaatg tctatggcca cactcagaaa gcttccaccg agctctctaa ccttgctgnt      300
tntcgacgca ctcttgcgac tccggctggc actggccagc ctcttactca ctatcactcc      360
ttcttttctg agctcctgtc atggaacaac cctngcgcgt ctgntatcgn ttatgccacc      420
attggttctg gcatcttgcg tgnacganac ttaaattggc tccgatgggg ncttaagana      480
tntgggatgg ncttggnngg gaacattctn cgctgagggt cttggnaagg gtaatcttaa      540
caatgggctg ggntactnaa gggtcgnott cgacgaaact acacaagttc ctngngagaa      600
ccttggaacg cggatatttg ngaacgt                                627

<210> 2559
<211> 337
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(337)
<223> n = A,T,C or G

<400> 2559
cttgattata tcttctcttc ccccagccct gtcaaggcat ctaancagaa gaaggtnntt      60
gaggccgatg ctaacgccaa cattgtccac atcgagcctg catctgcttc tcacgctgcg      120
gcttcaagccg agcctttgat ttgcattaca catqcttgac aggggggagg gccggtcact      180
ccttttctag tttctataac agcttgaytt caaattgggt gatggagtat gttancacat      240
tatgacgaga ttgcgcgcct anatgttggg tctaatact acattctttg nggataataa      300
tacaatctca atacttgccct ttcnnaaaaa aaaaann                                337

<210> 2560
<211> 751
<212> DNA
<213> Fusarium venenatum

<220>

```

<221> misc\_feature  
 <222> (1)...(751)  
 <223> n = A,T,C or G

```
<400> 2560
gcggggtcacg aaaccaccca cgtgtcgggc accggcgagg cctcacgctt nccttccccg      60
cctccgtcct catcgctgc tgctgctacc ggtcctgctt atgccgatga tgcaaagaag      120
ctcgtctatg ggcattctga cgcgaaggga ctnttggtcc cttagggtcac gctttcgagg      180
gtccccggctc agttttcacat acccccactg ctcagcaacc atcccccgca tccgacgatt      240
tccaaatata caaccagct tatcctttctc tggcgacccc tcgcaaccgc cagagcagac      300
agttatacat atacgtgact tggcacatat tcagagtctg gccagcgccg acctgctatn      360
tggcaatggc ggatccggca ttctaaacga cccctctctc acaaatgaag tatgaaatca      420
gtggcatgcc ataggggaca ttatcgagat ggtgggtgcg ctattaacaa agatcactac      480
cacaaatgat ctacagcacg atgcgatgca gcgtaatggt gntnaccaac agcagggcaa      540
ccaatntggg gatgcgagcg ggggntngaa ctcgntttga atnatctggt cttgcctttn      600
tgqnaagaat glnctggcat taccatcctt aaqtatttgg cgaggaacac aaaactggcc      660
taccacttac naagattcct tancctttgg atantttgac nctgaaaaaa gagtaacnat      720
ttggnacnaa aacaaaaaaa ttnaagggna a                                751
```

<210> 2561  
 <211> 632  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(632)  
 <223> n = A,T,C or G

```
<400> 2561
accagctcct gacttacacc agagccgcag gcaaaaaatt aacttgacgg gatccatagg      60
tttgcgtttg cgccaanaaa aaaaaagcat cccagccttc ttgacttcct cttgcattct      120
agcctctgca cttccacttt acaaccacag atattcatac taagtctctc tatatctcgc      180
acctgcgtgc cccagctntt tccccatagt cttttgaaaa tcaatgacgc tgaggtagca      240
atnggggaag ctctagagat agtgagagga tctctaggag caagcaatgc tcgttacaaa      300
acacgtgca gagctttgtg ctctcctagt caatgacctc catggtgaac ttccttcgcg      360
aatcttgaat ggcctactga ccaaaggccg ctcgacgatt gcgcaactga tccaatatac      420
ctntcttact ccacgatata tgcgaaatgg cctcgctgtc ttaatccagc aaaaccttat      480
ttaccaccac acagatccca ataccaacat cacgagctac caagcaaatt ccgatgcctg      540
ctacaatctt ggtcggggcg gcaaaattct ggtgtgataa aaacacaata tggcactggc      600
gaacgggaac ttacccaaac ttttgatcca gn                                632
```

<210> 2562  
 <211> 337  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(337)  
 <223> n = A,T,C or G

```
<400> 2562
cctcggtcct acttaattaa atcagttaca atgggctcta tctggaacgc tttcactggc      60
ggtcaactagt cgggncacca gcagcaacag cagcagtcgc agtcatacca gccacaaca      120
caagaacccg cgcactactc ctcttaccga cccacggaag gccagggcgt cgagtccttc      180
ctccagagct ctacctttgc cgacccctcg caattacatc ctctcgccgg cctcaacaga      240
natacgctcg aatatatttc cctcgaggac tcaccttgct cgagttgcct ggnggcaatc      300
agtcctgctt ntcgtggctt caaaatgatt gtgttac                                337
```



<210> 2563  
<211> 120  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(120)  
<223> n = A,T,C or G

<400> 2563  
nccactnacc cttttttttan ggggggtatng cccagaagac cggtccttgt ctttttctaaa 60  
gacggacccc tngtcaactt gggtttcacg atcaccccggt ggnagaaaaa acccgttttt 120

<210> 2564  
<211> 154  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(154)  
<223> n = A,T,C or G

<400> 2564  
nttaaaaaag gnanngggttt tttcnctngg gaaaaaggac ccnaaccgna cttaacantg 60  
tcccaanaaa atgggcttaa aaggcaacaa anaagganaa aggggaagcn gaaaaaantg 120  
naataattnc caatcanttt ttgtactttt ggac 154

<210> 2565  
<211> 571  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(571)  
<223> n = A,T,C or G

<400> 2565  
aaacaaccaa tcttgggacc ttggcgagcc cgaattaaac gatcgcgggc aacccgtaat 60  
ccacaacatc gccccaaagc tcggatgtat ccgccccaac agcgacatcg atcttcccgt 120  
gactctggta ttccttqagg acgaggccgg catggctgag ctggctcgac agctcgagga 180  
tcagcagaag gaacacgagc ctgcgaagga agccatcaag gacacagact cttcagtggtg 240  
taacccaacc gagagagcgt catcatcgga actcgatcat tccgacgtcg acatcgaata 300  
tgactaccga aaagctgcat ttggcaacac caacgccatg acctttcacc gaagagctta 360  
actggctctc cegacttoga ctttgccttc caccacccga aatcgatgct tcaacactgt 420  
ccttcacaat ctcttccaat gaacaattcc cgcttggcat gataagctca atcacgattt 480  
atatgcaatt ctacacagca acacaacgna gatgcacatg anagtgaten ggttctggat 540  
cgatcgacat aacccctctt tctttctagg a 571

<210> 2566  
<211> 447  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(447)  
<223> n = A,T,C or G

```

<400> 2566
ttcaccgttg gtgagattat tggccgatto aagcttgctg gctaccgcgg cgaggtctct 60
tctcaccact aaacgtacct cttgtattgg agcaagagtt gtaaggatca atcgggtgctg 120
gactatgata agcaaataag gacgaatgga ctatagacat ggaccttctt ggctgaggac 180
gtctgggaag gtctggttgg agactgggtg tttcgggggg agttgaaaac tgggagactt 240
gggaataccg atcttaccgg acctcgatgt ttgtcctgag catctttctt ttgtagaact 300
gtacatcaat caagctgcgg cgggtgatcc ccaccgtgga gggctttcga caatgatatc 360
taataacgaa acgaccctta tggatggaga gaaacttgta aagnattgna ctatcttctc 420
tttggtgcat ccaatccatt attgacc 447

```

```

<210> 2567
<211> 198
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(198)
<223> n = A,T,C or G

```

```

<400> 2567
ntaccaatt canctggac aacgaaaatt aaactncccc tttttgcttn acaagcttgg 60
accatgccaa cgncccttcc ncnatatta acttattnna gcctttgcgc attaaaaatc 120
cngaccgnt ttctttntaa aaagatgctt tntgcccctt ttttgctatc agtggnnnggc 180
tttggttaagg gcaaccca 198

```

```

<210> 2568
<211> 621
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(621)
<223> n = A,T,C or G

```

```

<400> 2568
ctcttctttt accatcctca gtcactacac tcatactctt tcgctttaag gttcgtgtct 60
tctctcagac caacctttta tatataacat cctcttctcc ctatctctc cctatttatat 120
accagtcctt catcacaact tgcctccttc acttcagcaa gcaccaccat gtccttcgcc 180
gtctcgcaacg cctctcgtct gactcgggct gctgcccctg ttctccccag aaacgctgcc 240
cgatgtttct cagccactcq tgtgcagcgt gtcaatgaca caaacatgaa gaagaacgtg 300
gttcgtgaga aggagattcc cgtcactgtc tatgctgctg yacagggtag cggcgataag 360
cacacagtea atgtatccga agctgctgct cgcattccca acgaaactcc tggctcctact 420
cctgacagcg atgtgggtta gcctctcact tcgcaagacc tttgagcaac ttctctcaaac 480
aatgcgcaac atgaggggct acggaaagat tacttgctca ctgggggcttg ccgggggtctc 540
cgaaatacat ggttcgnctt gctaagggtg gngcaaaaa ntggcctttt gaccaccag 600
aacttgggga caaantttgt g 621

```

```

<210> 2569
<211> 534
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(534)
<223> n = A,T,C or G

```

```

<400> 2569
tttttttttt tttttttttt tgagagagag agacggaaat tttctaagag tgaacccaaa      60
accctgaccc gttgatttga accatatata ctctagttgc aaaggcaagc aaaacgtgaa      120
agcaaagcaa agcaaggatc caagctgtac atagtactgt actgtgcgtg ccacttgcaa      180
cggagaattt aaccaaaga ggggtgctcat tcgcacatgg catagcatag cccgtgtcct      240
gtccgtcctg tcgtatcctg tctgtgtctg ccctatcccc gacccaaatc gccttgtgcc      300
cctgtagcct cgcgaaacca ttttatcatc taggtgggtca taaatganaa gcatggcgaa      360
gggtatcggc atgtactcat aaaaatggag ggcaatttct accatgggtt tcgtcatgt      420
gacaggggtt gcgtggggga tccgtgggag tttgaggggt ttaaaacctc ggaatcattt      480
gcatcaaggt caatgtttgc ccgccgtcaa aacgagataa ttgctcnggg aaat          534

```

```

<210> 2570
<211> 493
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(493)
<223> n = A,T,C or G

```

```

<400> 2570
gccgacctat tgaggaagtc gagcaagaag ccttgagcaa tgtcttggaa accatggcca      60
agtctcaaga caagctatga aaggaaactg tgcccattat atcatcttga tacacacgac      120
ctctaccaat actcatcgac ctaccacaca acaaccacac acagcacatc cgcccaccat      180
taacattatg tgaaaattat cattgagcag ggagtcacag cgttatatgg ctatttgcac      240
tatggattta ggagtttaat atttgttcat acctctatct ttacacggcg ttaaaaatct      300
tgcatttggc ttggtactca tcttcggaca gctccccggc gcagcgcgat aaagacaagg      360
tcgggcaggg caaggataag caactcaacc agttgtcttg ggcaagcttg gnetttgggt      420
catgccccat cgttggccct cccccgcaaa tgtcanantt gcaatcgctg ggtnccgaaa      480
cgcggggggtg agg          493

```

```

<210> 2571
<211> 416
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(416)
<223> n = A,T,C or G

```

```

<400> 2571
aggaaggatg agcccacgtg ggagcccaag tctcttgcgt acattggcgg caccaatgta      60
gccaagccct tcttcgaata cgactcggcc aaggagctcg agctcttcac cgaccatact      120
tacaacgagt acccttacca ggggctcggg gtgcctacag agaaggagat tgaaaagggt      180
ctttcaaagg gcacttgcac tcgggaagag ctaaccaaca agattgttgc atcgcgcaac      240
ggtcgccaag gcatctntga agttgttacg gagatcatng accggaagac agtgatggac      300
qacaagggca agcgtgtgtg ggtganggat gaggttgcgc ccggaagcaa actgnattct      360
acatlatgctg caattcttct tgaatcactc gtaaaataga aqtnactacg agatgt      416

```

```

<210> 2572
<211> 594
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(594)
<223> n = A,T,C or G

```

```

<400> 2572
gtggttagcgc tgccttcgagc ggccaagtga caccgcgcga taacacgcaa ggccaaatcc 60
ctctgcgggc tactcactct cgggggtctct ctggaaaatg ttccatgct tcagggcaat 120
gttatctctc ccagtggtcc catgcccact atgcgacaaa acgtgtctgt ctatcctcct 180
aaccagtcac gaatggacag gccccttcta ctggcgacac tgttcaacaa ccagtatgg 240
acatgccccca ggcaacttta cccccaaccc tgcctccaac ggcgctgcta anggtagcgc 300
cnggcctacg antcctgcca acggcagcac gggcaacgcc ggggaanctc agtgggttta 360
gacttacaag tcttgcaatt gaccgcttgt atagtgactt catnacngtt tccgtggcac 420
cgccgtattg acaccgctac aatcacaatt tctttgatct gtctcanaac ttggccaaaa 480
ggggcaggcc gatccatcga atganacaan actccanact ggtctgtttc ntatcatcaa 540
aaggcctaca gganaccnct atcctggggg ctnggtcaat ttcttcttgg gaaa 594

```

<210> 2573

<211> 406

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1) ... (406)

<223> n = A,T,C or G

```

<400> 2573
taattctggc ttctacttgg aaacaagtct gaatagcttc acttgtatcg nggggtatag 60
accacattac accaggacat acctatacaa cgaacctcat cctcgctccc anaagagtat 120
caatccncca ctgccgaaag gaanaaggaa gcgnggggat tcaatacat acaaaacacc 180
ttgaagtccg catcgattca aaataaccat acgatatcga acgacgatgc atcgctccgc 240
tgttctactt gcccttgggg ttctcagctc accagccgcg cgttggctc aagtcanacc 300
aagaagtgtc atgggaacct ctgccagac aggcntctac ggctgaagc tggcgaacaa 360
gctaatatcg ccttgggatg gagtncgtgc caacagagcc cccag 406

```

<210> 2574

<211> 558

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1) ... (558)

<223> n = A,T,C or G

```

<400> 2574
acgacgaaga acaggcgaag aaactgaagg gaagactgag aatgcgcgcc accacaaagt 60
ggagggagtg gtatagcatc ctgttcaatg tcaaacccga ttcccttgaa attccttcac 120
catattatga ttctctctgt cctggcgcca aaacccctg cattaaactt gatgaagttag 180
aacactggcg cgaatactgg gaccaagcaa aacggcagt ccgtcaccac gtcaccaaaa 240
cggtagatga ggcattcggg gactttgtac ctcaaataca gggcgaggtg atgcagcgtc 300
tacaagagtt acctcgcata cttgcagagc tgcctccttt cccaggtctt aactccgagg 360
aaacctcttc agcaacccga accattgggg tcttgcactt tttcaactct ttttgacccc 420
aatgtctatg atggggaaaa ttttgacttc agcgtacttg ataacgaaat tggcatccag 480
aatcacttca ctgggggcac tgagtcttaa aatcttnaga tcatatntgg ttggcgacag 540
tnagccctn tngggaga 558

```

<210> 2575

<211> 563

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature  
 <222> (1)...(563)  
 <223> n = A,T,C or G

<400> 2575  
 ctaaaacaag cgcttcaact tgctacatat cacaggcata tgatctaggt acaattaata 60  
 atgtgctcag cctgttttga tgccctggct gctatattct tggctcacta ctattctgca 120  
 ggttattatg acttcctacc cagaagcgac accccaagac ccttgccat ggtgatgatt 180  
 cncagggtta tcatcgagg gggcacgggc cctttcgaac angaccatga gatgcatatt 240  
 ctaatgangt gctcgtcaaa catgcantta tctccatatt ggtgactgga tcaaagtatt 300  
 tcatcttggc atgcatctac aactaccta tctacagccg caccagacga ccaatctcca 360  
 gaatccaaga acnacacggg ctgggcccgt ctctactatt tggggtttct ctatctcaaa 420  
 aacctcggcc tacttggtga gatatatccc tggctcaaag gattcgggtc gcagtcctac 480  
 tcngctagt ggtgacacat nnataaatct nggtggggtg aacgtgaatt acaacctccc 540  
 ctgcccctt atcacittgg ggc 563

<210> 2576  
 <211> 359  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(359)  
 <223> n = A,T,C or G

<400> 2576  
 natataaggc ctgagagggt tgtctgcaaa cagttgggac aggatcttga tcatttatna 60  
 aaacatgcgc cagttccaag aacaaanctg tgggctctgc aatatatacc anaaacgaac 120  
 ttactcccaa tcaactctgt gctggncng tgttaccaag tctngactt acgaattgnt 180  
 gactnggaaa cnactaaaaa ctnacaaaag cnagcggaca gctatgtcga ttntggattt 240  
 gganacaacc nactgcttcg gtggtgtaac aggttcnctg ttngnaaaac aaaacaaact 300  
 gtacagnana aggcaaaang gttaaatacn ttccaaaaca tnnctgtgat ccacngcaa 359

<210> 2577  
 <211> 490  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(490)  
 <223> n = A,T,C or G

<400> 2577  
 ctttcatttt ttttacccaa cctgtatagg caactaccta caaacgatct atacacttga 60  
 cctgacaca agacctgtcg ctatctctgt tcgaccgaa gcgcttacat ccgtacatcc 120  
 cgtctcttat gcgcggcca tgtcagcaac aatgggtcatg acaatggcac cgcgactct 180  
 cctgcggat tccagcggc gctgcccagg atgcggctac tcttacctc tcgatcacag 240  
 tcaagtccaa cggctagaa cagcagcggc tatcgaagac tcgaaaacca ggtccgacta 300  
 ctcaacgaaa agctacagcc ggcgtggatc gatggggcga ctacnaaaac aaatctctat 360  
 tctaaggggn cagcttcttc ttogacaaca cacaaaaact caaccccgag aactcctaca 420  
 aatgtcccat gtnnttttcc aaaacggacc agccggtctc tcttctctcn cagcgaact 480  
 cnaactctc 490

<210> 2578  
 <211> 509  
 <212> DNA  
 <213> Fusarium venenatum

```

<220>
<221> misc_feature
<222> (1)...(509)
<223> n = A,T,C or G

<400> 2578
ctctagttct aatttatcta gtccctggcga tcggacatcg tgggattaag cttattcttg      60
gttattttcc ctcatctggt cattcatttc gttgttatcc gttttgttct tatttccatt      120
cattctttat cagccaataa tctcggatac gcgtgctaga gtttgattca ttaatcttca      180
ggacgacata gtattcgagt caccaagggt tcagtttata acagccctgt tcgttggtcaa      240
ttgaaaccag gatcatgcgt acttttacta ttctcgcttc tcttactata ggagcttctg      300
ctggcacagt ctctgctcct ttctgtgaaca tggttttcac atggcgccctc catcgacaag      360
cgcaatactc taaatctaga agctctgaat aacatcacgg gaggaggata ctatgcagaa      420
ttccagatgg aacgcncctc naaacatcag cttccttctt ganactggta tatganactt      480
ggtcactcaa caacaccgat ctctgccta                                     509

```

```

<210> 2579
<211> 541
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(541)
<223> n = A,T,C or G

<400> 2579
ttcttgagat cgaatctgag gaagaagaga gcccaacatc tcccgtttcc ccctcgcaag      60
agcttgccaa tgtccaggac gctagaagcg ttaatctggg cagaggtcat gtacgcaact      120
tcagcgctgg gagcgcaaaa ctactcgata tcaactcccc agcatctggt gatgccagag      180
ggagctcaga aaggcgagga agccacgtcc taccagctat ttgaaagccg agctaagggt      240
taaccgttcc agaagaaaag tccccgcagc attaatcacc gtcaattcga cacatcacac      300
tcttttcatt tctttattgn ctcaactgac tcagtcactc cttaccattt ttcttatcac      360
ttgncaagca aaaccaagaa actcttaagc atgggggaaac acaaaaaagc gatgctggact      420
ttttttttgt taacgaaaac atttaaaact gtttctatat ggntgggttn ggcgtnccgac      480
tcgttttgtt nattacacga ccttgtgacc cggggcattc cngtctttac taggattttt      540
t                                     541

```

```

<210> 2580
<211> 262
<212> DNA
<213> Fusarium venenatum

```

```

<400> 2580
agaagtactc caaggtggga tatgtgcagc gagaccctga ctggctggag aaggagaagc      60
ccaagaagct ttgcgaccag gcccagaaga gtaggaagac cagaaagatt cctcaaagca      120
agcagtaaat tacggcacta tcacaacaat atggacaatt tttttccatt ttttttttta      180
aaaaaaagat ttgattagca tgtatcgtag tgttgagga ttcaaggga taccttctgt      240
cctggcacga attgaaataa at                                     262

```

```

<210> 2581
<211> 165
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(165)
<223> n = A,T,C or G

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<400> 2581  
 nacnaaaaag ttgggtntcc ggaaacggat cttaccetta accttggcgc cggtgccggc 60  
 ggnccaaaac cagggnttgg ggatttggng gacaacnccg gggtcgtcgg gggnaaaaan 120  
 gaancggtnt tttnaaaccc ttgacctang ggacttgtgg ganct 165

<210> 2582  
 <211> 190  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(190)  
 <223> n = A,T,C or G

<400> 2582  
 nccccctggc ngngcaetta taactgcaaaa aaagggganao conactitta cccgnggggn 60  
 ttttttngga anaaaaaccc gctntttgaa naccocnaat tggccaaaag gcccgntcc 120  
 ttttttngga aaaantgggt tttnttatcc ccccggaat tnaagnttaa acccenttaa 180  
 cccgaagttt 190

<210> 2583  
 <211> 116  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(116)  
 <223> n = A,T,C or G

<400> 2583  
 nttaatacnc ttggaengag aaaactttgc gagctnnctt attcgaatag ggcnatccg 60  
 atnttcttac caagagttnt caagactata ccncgcgat tacnttcaca ttttaa 116

<210> 2584  
 <211> 258  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(258)  
 <223> n = A,T,C or G

<400> 2584  
 ngctctcgca atcaacagga cagtnatcaa ccaagtacct aaccaaattc ancaagttgc 60  
 tttgctggtg tnggacaac cagactgaat ctgcaaagag ggctttggaa aggggcgcgg 120  
 aaagtccttg gaagccataa aactggcggt ccaagcggnt catgcaanan atgattgcat 180  
 acccaquu ctaacaaagc gacacgater acnaataatt gacgcganc ccttcacgg 240  
 gttcttttta tccatgan 258

<210> 2585  
 <211> 131  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(131)

<223> n = A,T,C or G

<400> 2585

naaanacaaa	tgccgntgac	caagatgatg	gcccncetgaa	tgntattgat	gcccgggtggn	60
acacaacnat	tttgggtgtt	cantggaccc	caaaaaaccc	tggtggggcn	agtgtgtggg	120
aaaaaaaaata	n					131

<210> 2586

<211> 364

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(364)

<223> n = A,T,C or G

<400> 2586

cgcaattggg	agcatggctg	gtcagagaat	caagcaggcc	tttgattcat	gaaactggcg	60
ccagggcagg	tgcaaggga	aaccatgtct	ggaagcagaa	tgaaaaggaa	taagcgggca	120
tgcatccaac	agggtgggag	agggtgtttg	ttttgtacg	tataggattg	gaagctggca	180
gncaaaaggc	gcaatgagaa	taccaagtca	attgacagca	tattgaaaaa	tgacgacttg	240
ctaggattaa	gaatgttata	tgcatatatt	tagatttaaa	tgggaaactg	cttggaatcc	300
cgttttggct	gggtttatcc	cgcctccatg	gttccgaggg	ctgttttgcg	tagggngtgc	360
ttcc						364

<210> 2587

<211> 323

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(323)

<223> n = A,T,C or G

<400> 2587

cgcaatcgt	caacgaacca	acaaccaggc	tctgggtaag	cgactnttta	ggacacagca	60
catattatcc	cttgacggga	agatcgagct	atagtataca	gtacggccga	tgcntattca	120
aactacgagc	nggggcctca	gccatctccg	atggcttgca	tacaaccaat	atatgtcccg	180
aaatccaaaa	ctctgggaac	cggagggacg	acnaccaacc	gccgggatac	tgtgttacat	240
ttaggatgct	ttcgtttctg	ctcactcaan	aaaaaagcaa	tgaatagtta	aaatgtatta	300
cytttgtttc	ctcctgtctc	ttt				323

<210> 2588

<211> 120

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(120)

<223> n = A,T,C or G

<400> 2588

natttaanat	agcctctann	tccgaaggna	tnsgttanac	atntaaaaga	cagagcncat	60
tnagacactna	ggggtggctn	gaaagggntt	tttgcctancg	gtntacatga	ttggggatta	120

<210> 2589

<211> 259



<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(259)  
<223> n = A,T,C or G

<400> 2589  
ctggcgatga agtatcgunc cggtaaggag tggacccgat ataatagaaga tgcggaagtg 60  
agggcgctcag agcgatttgg caaggtcttg gaacagggtg atgaaatggt tgaaggactg 120  
aanaaagaca agagtatcga tagaatgggn ccccgagaat ttgagatgtt gagaaactaa 180  
aacgaggata tagagcncgc acagtataat gagactgtan actacgaatt gcttgaatta 240  
aaataaaagc ttagatgtt 259

<210> 2590  
<211> 413  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(413)  
<223> n = A,T,C or G

<400> 2590  
natgcgcaat ggtgacggcc agatgacgat gatcctgaga gganggaaac actttgcaaa 60  
gcgagacggc agacagcgga ggaagaaaga aggctaagga gacggnggan ggataggaca 120  
gcgacaaacc agtcggaaga aaatgcngag gagcanaaaag aaaacctaac caaagtccaa 180  
ggcgaggagaa aaaaagcagt taaaaanccg tnatganget gaagcgctc cagaanatga 240  
tgtaccacac caaggcaaat ccccaagtga tggcgcgga aagggaanaac aaggaaaaaa 300  
gcttgaggtt aaattggccg accgggggtg gaattcatgc ctaccaangg ggtgggaact 360  
ggtttaggaa aaanaaggaa ggaaaaancc cgnttgcatt tattnaaccc cct 413

<210> 2591  
<211> 358  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(358)  
<223> n = A,T,C or G

<400> 2591  
tttttttttt tttttttttt ttngattgat acactctata caaattctta tacacaattt 60  
atcatacaac catecccaat gccggaattc atttatggct tcttctgtcc gagaatcctg 120  
gcattgttgc ttccagccgg cttccagtc tgactggccc gtgaccgtag agtatatctc 180  
tctttcttcc aggcacaaac catctggctc acactgccc tgctgtgctt gggtttgccc 240  
atgtatgtga gacgagcagc tctgtgcttc ttggatcctc gccagataat atcgataccc 300  
gtactgntg ggtgttagat cttgaaccac atctttaggc cacttctc atctgaat 358

<210> 2592  
<211> 583  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(583)

<223> n = A,T,C or G

<400> 2592

aagggcatgg	catatcttca	tcttgccgat	acgttggcag	atgctttcaa	cgcccttget	60
gatgaagttc	agaccttgac	agatcgaaa	actgtcttgg	agcacaagtt	acgctttget	120
catgaacagt	tccaatatct	ggctgacaaa	tatgtctcgg	ccgcgcctga	aatagccgat	180
accctggcta	agctccagat	acctccaaat	acacctcttg	ataattcatt	gcctgttccct	240
ctacctttgc	caagctcgta	cagctccggc	tcccaacatc	agcttgccct	cgtcatccgt	300
gacggacgtc	gagtagctaa	tcagcttgcc	tcgctgggag	aagcgagtaa	aaccactgcc	360
tctagccgag	agactgagtc	gcaactttcc	cacgtagcca	cctccatgtc	gaccgcgcta	420
gaacaagact	tcacgggtcca	aggaaagaan	ggccatcttc	aatgcccgtt	ctccaagccc	480
gccacggnca	gcggctctgg	ggcccacgat	gatgatgcgc	agganaccac	tccgcaccac	540
tcgggggacc	catctgcgca	gccatgttgc	aanaatctac	atc		583

<210> 2593

<211> 597

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1) ... (597)

<223> n = A,T,C or G

<400> 2593

tgaagaccgt	gtgcttgcgt	cctacggcgc	aatcaagcga	ggccaagact	cgaagctcat	60
tgggaaatgg	aagcaactgg	ctctagaggc	tgaagagagc	cagagagtgt	aaaagagtga	120
tggtgatcaa	ccagttgcta	ccgcgccccaa	agacgacctc	agatcggtgt	cacgagaaga	180
cttgaagcct	tatatggctg	aaagtgaact	tgcaaccgct	accaaccttt	ctgcaaagca	240
gatcacatgg	ctggcttctc	ggccgttgat	cctgcgcata	aagttaccaa	gggaagctac	300
agagtcgccc	tggaatgctg	gtactctcat	cgttgccgac	ggcggcttgg	tccttcaagt	360
ccctctcgaa	gaacaagatc	catggggcag	catgaacatg	cgcagccttg	tttacctga	420
tgcccgaagg	cagtacatcc	gaagcccgtc	aaggctgata	tgatcaaggg	ggccaagaac	480
ccgcgtgcga	cgattcgcag	ctttncaaaga	ngcttcagac	gaagaggttc	aagtcgagct	540
ggccaagtcc	gctgatatcg	tcaagaacng	gaaaagggtt	cagcgaagaa	caaaaaa	597

<210> 2594

<211> 451

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1) ... (451)

<223> n = A,T,C or G

<400> 2594

gtaactttca	tgagcggtat	tttcataatg	catgggtcgg	ctatggactt	ggcccatcaa	60
cgatgagacg	atacaagacc	acagacatgg	acatatccga	tccaaacaca	ttttttcttt	120
cttttggttc	cccggtctat	atatcaactt	cttttttaqt	accaacgggt	agcagataca	180
caacgacaa	aaatctggca	ttcgaggcct	ctctggtagg	gctgaaggct	ctgggtctta	240
tcaggtttga	ggataacggc	gtttttcttt	tgtaacctct	tccttttttc	ttgacaatat	300
ccggatatct	tgatacatgg	gggagggatt	tgcatcacia	gggatcgagc	agtgggctgg	360
tactcccag	acagcgtaca	actctttttt	tttttgcata	tttaatgaac	tcggctgaat	420
atattggctc	ttttqaatta	naaaaaaaaa	a			451

<210> 2595

<211> 124

<212> DNA

<213> *Fusarium venenatum*

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<220>
<221> misc_feature
<222> (1)...(124)
<223> n = A,T,C or G

<400> 2595
ncccgagac anccgtgaaa gacngggccn tttataatct tnggtgetca ccaaaccnnt      60
tagcggttatt tntactgggt accntancga tggganaaat accgcntatn taacaanggg      120
gatt                                                                    124

<210> 2596
<211> 189
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(189)
<223> n = A,T,C or G

<400> 2596
gaaagacctc tgagtcattg atgtatatgc aagataagaa aaaaagagag agatacgaat      60
gacgcattttt gggttgatta gaggacggca tctaagtttag ggaggggggac ctggtgcaat      120
cggcagtgcg gtatctatca tgactagacg aaacaagatt aacnaaaaaa taacgggtta      180
cctagtttc                                                                    189

<210> 2597
<211> 596
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(596)
<223> n = A,T,C or G

<400> 2597
agctagagtt gcaccaaaca aatccgaagg cgcaggaaaag gctgtagctg ttgacccaaa      60
aagcaatgcc aatggttatga caagttcatc tacagcgccct gccaattegc ctccgcggcc      120
agattccaac tagcaaaacg aacggaacca gctgtcggga actgatgagg atggaatcgg      180
attgcagcag gtagacgggt gccaaagacca catgaccgga cctcctgaaa gtgaccgggt      240
acgagatttc gattctctctg agcatagtc taaatcggac agagatttca tggaaatcgg      300
gacggcgaat ggtgtgataa aggacgacaa caacgttaaa gataagctcg cagatggatc      360
ttccggtcag gataccaaca caacgaacaa cttactggga agtgagaatc gtcttccagc      420
gttccgcggg caccgggacaa agtctagcat ctatttggaa gcgcaagatc aacctggccg      480
cgacctagaa gtggaattga gtgactagaa caatgacaca atgcccatgg caatgcanat      540
gctgcatttg aagacctanc agcatgcacc gcaatttctt cngaattctaa tcaatt      596

<210> 2598
<211> 138
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(138)
<223> n = A,T,C or G

<400> 2598

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nccaccacaa	nccgagacgc	ncncacgan	cacaagaagc	cggangcgac	gaacccaagc	60
cagcgggann	acccgacgag	nccgancacg	aagacnacac	cacaccccac	gnccccaagg	120
ngaccaacnc	caccacga					138

<210> 2599  
 <211> 945  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(945)  
 <223> n = A,T,C or G

<400> 2599						
caaggaacca	gaataactcgt	tcattatctca	caacagtcac	cacatcacac	aacagacaga	60
cattccttga	catcttlttag	attgcacccag	gagtgcccttg	actcgactta	acttlyactta	120
aactacctcg	aaggccctatt	atacaaacga	tacccaaacc	acaaatactc	ttcttaataca	180
actctacaaa	ctccaatctt	caaaatgggt	ttcggatctc	gcaacaacag	agcctctgag	240
gaggagcagc	gtggtegacg	ccgtgagcca	gtcccgcctta	tggagagcaa	gcaacgtacc	300
aactcatacg	caagcgaact	ctctacctcc	accacaaaat	cttcggcttc	ttccacagcc	360
aaygcgtcac	gctcttggtt	caaaccgcga	ccacaaccgc	ccaacgtcaa	cgttcacacc	420
tactgnggaa	ggcaactcaag	ccagttccta	tttgngggac	catccctggg	tgacctcgct	480
cganccatgt	tgggcaagga	ttaatttcca	gcattgagcat	aatgagcata	aacaacaaac	540
aaaggctgna	acatcatcac	cagattatta	gcagaccgct	aatcacccga	cccacccaaa	600
cgacctttac	ttttattatt	cttggatcac	cttnattcat	ccacaacttt	naacgtnact	660
ggntgggtacc	gggacgggca	ctntcatttg	caagcgtggc	gtcttttgta	tggtaaagaa	720
aagaagacat	ttcaaccatt	cattcgaaag	agaccaacta	cacgcaatag	ataccctttt	780
tttggggggg	gggagagtg	gggatacgan	agatcagtg	gaagactgta	ccacgagaga	840
cgacttgat	gattacattc	tgtgtagcaa	tattccgtaa	cgaaccccat	gaatccgaac	900
cgatacatcc	aatgcatta	gtatacatag	aacaactttt	ttatt		945

<210> 2600  
 <211> 737  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(737)  
 <223> n = A,T,C or G

<400> 2600						
gttcgggaan	atggtaagn	ttgnccttgc	caaaagccca	aaanagtcgg	ggaccttctg	60
gcttggggtg	anaagttgnt	gtaaaacgggg	ncnatgcctt	tgcaatgaag	nacnccagtt	120
tggaanaagt	cancegcgac	gtatgttggt	gacganagaa	gctttttgaa	gctttttcgt	180
ttgaaagtaa	tgtggtnaac	cattttgagt	gttgtctggt	tggtattgat	ctgcgagggg	240
tcggcagagg	ttgattcaat	agtatagatt	ctacactaca	ctactcaatt	ctactttgaa	300
tcaaaactact	ctcagtcac	ctctcttcac	ctcgatcacc	gttcgatctt	cccagttatt	360
caagatgccc	gctgcctatg	aaacaaacga	gnaacccctt	atgacctctg	acaacggaga	420
tattgtcacc	cagcaaccca	ccgctgagcc	tcagcctgat	atglocatgn	gagggtggtga	480
agaagctgga	tgcgagatct	gctgtgggtct	ctgcgcctgt	gacgagggat	gctggttaagc	540
tttttgtctc	caacttcgaa	catcttgtct	atgaaacagg	atatagacta	aattgaacgc	600
ggaaggagtt	ttggcagcct	tgatattgta	acttagtaac	tttgggtgtg	attggatggt	660
ggttaattta	agctataaag	tatatcaact	aaaaaaaaac	ttgcatatca	aaaaaaaaaa	720
aaaaaaaaaa	attcttgg					737

<210> 2601  
 <211> 530  
 <212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(530)

<223> n = A,T,C or G

<400> 2601

gcgcattgtt	tcaatttgtg	tccgagcggc	cttacgtgaa	gatgactttg	aaaccgctta	60
ctcctatgta	gtcagccgtc	taggcgttga	cgagactgag	cgtaggaaac	aacatatcag	120
tattttctgac	gaatgggtcat	ggaaggcagc	actggatgcc	ggcaaataatg	tgcgtacaga	180
gaggtctcag	aaaccaaacac	athtaggcac	ggcgagtggg	aaccacagaga	ttcgtcatct	240
cgaacagcgt	attgagtgcc	tggcaacttc	tctgcgcatt	gcaccgnctt	ctcaacttca	300
ggaagtattg	aagactttcc	gtcgtgcga	agaacaatta	gacgctgcag	tcaaggagga	360
aacttgccgc	gaggccgctt	gggatgcttg	caagcgant	ctccggactt	cctggctcgg	420
tggatgcacc	aaatccagac	aaggatatt	caccacgcaa	cattactgnt	agtgaaccg	480
ctcgccaaac	ttgaagaaga	cggatgtnnt	tgttgacctg	tnccagggcac		530

<210> 2602

<211> 636

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(636)

<223> n = A,T,C or G

<400> 2602

cactttttcca	tctacgagga	ggtcgtttct	ctcattgatg	agattgatcc	tgccgtggta	60
gtgatcgata	ctctgttcag	accaggactt	gatgcaacaa	gagacaagaa	tcgacagcat	120
gcgttcacata	ctcccaacca	ggctattgac	aactttctcg	gagaacagcc	gtatggaagc	180
atgttttggg	aatatccatc	gatgagttcg	ggttttccat	ttccagtgcc	atggaacaag	240
attcccgaga	atattttacct	caatatccgg	tttatctaca	gtgttttgag	aatgccagat	300
cttgctgcca	aacgaaaggc	actccgcgag	agaggactca	aagatcctct	caacttcttc	360
ggcatgtnc	gagatgatgt	gccgtggatt	actgtcacag	ccgatggcgc	ttccatccca	420
gtagaataca	ttccgtcgaa	cgtatctacc	acaaacccga	ttggtctttc	tgttgccccg	480
gctgctgaac	aagatcctgt	gcttggtgac	tgggtgaaga	aaaaaccaac	agtcttggat	540
aacctcggn	gcaccgcgag	ctattctgaa	tctcaagtt	aattatgaac	agcatggcaa	600
cgtttggnaa	ggtggnatta	agtctttgga	agtcaa			636

<210> 2603

<211> 168

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(168)

<223> n = A,T,C or G

<400> 2603

ntggcntttg	tncaacacaa	tgggactggt	ttagtttagt	aatgagcaaa	tnntcgtcgg	60
agcgccgant	gaaatgaaat	gatttganan	ttaatctgcn	aaaaaanccc	cttttccan	120
tgggcqnaan	aacaaaaagg	ccccccgat	cgcctttcca	aaaagttg		168

<210> 2604

<211> 158

<212> DNA

<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(158)
<223> n = A,T,C or G

<400> 2604
gccgcgtcct cgctccaag agcaagctcg ccaaggagg cgatatactc gctgctaccc      60
ccggctggac cgagttcgcc atcgttcccg agggccggtt tgagcctgcc tcttactacc      120
ctggtgtcaa gacccaagg gcattgctnt tgccttgg      158

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<210> 2605
<211> 489
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(489)
<223> n = A,T,C or G

<400> 2605
cccttcgaag gctagtaagt cggtctctca ggctcatgcg aaaggctcag ctcgacacta      60
ccatgcgagg taagcctctg gcctccaagg tcgatgctcc tgtcgaagga ctttgcaagc      120
aantacgacg atctccacct atatggacct gttcgctgga acgaaaccgg atggctctccg      180
aaaagctcac ccccggaagaa gctgtcaaag aaactatgac naccttcacc tgtatggtgc      240
tgttagatgg aacgagccta acggcctaag gcgtccacc gccgangaaa atccaagact      300
acaaggatac agagctctat gcaattcggg acttatctcc cccaatctca cgcgttcacc      360
cgaagaagc ttccaaggcg tncaggatc tcccangata ccgtcctatt cnaatgctga      420
cactgctccc cgcattccacc cnaagaancc tcnaaacaat acccgaattg aatgcttatg      480
ctcttttga      489

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<210> 2606
<211> 468
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(468)
<223> n = A,T,C or G

<400> 2606
gtcacgtcct agaatagaac caagaatgac cccgagaaaa tggctgagaa ttcaatcatt      60
aaatacagag ccggttggtt tcgtgccgac cacggattct gccggccaac ggcaatccca      120
gcagcgaagg gccaccattg caccagatct atgcccttcc ggcaccgac cgcacgtttc      180
ctctgccggc cttttaccgg aacaacccca tatccttctt ccattgttgc tatgcgtggt      240
taggccaact gtggtctcca ccaaaggcgg aacctcagtt gtgcacattg gaacctggtc      300
tgccgtacaa tcgtctgttc acattacgga tgaagtntct accnaacct gttggacnag      360
gtctctatgg aaagggtatc aatcgtatna agccaattgg ttaagcttaa cangtcnaac      420
aagantgctg atccattnin caaatctgac cgtgcggaaa cttaanaac      468

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<210> 2607
<211> 616
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(616)

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<223> n = A,T,C or G

<400> 2607

gcttctgggtg	tattacgaag	tgttagtcca	aaaagggtcgg	tctaacattg	tcgatgggtca	60
tctcaagggtg	gcaatgacta	tcatgagcaa	caacgggact	gccaccgacc	cgacgggcgt	120
ctttttggag	cgtgcattcc	gcttctatga	tgtgatcgca	gcgctgtctt	ttgggtactgc	180
tcctctttct	agtgtctccag	gcaccaacta	cctggcacca	tttctctccc	tcgactctgg	240
tggtgcgaca	tctccgtcca	atagtgttga	tactctgctt	ggcatggcaa	cttctctatg	300
gcccataatt	caccggctct	ctaacctttt	agccttgaaa	gaccagcttg	acgttgcagt	360
tgcgaacgaa	gagggtttcca	aggtggcagt	cctcagaacg	gaatttgaaa	cctcggcaac	420
agccatcgaa	gccgctctgg	aggattggca	ccctgtgctc	cctgaaaact	cgatcctgaa	480
ccagaatccc	gaggaactga	gcccgtgaaca	atcgactgaa	aggagcccca	ctncaaagta	540
ttctgagtaa	cgccttgctc	taccgncatt	ctgcattcgn	ctatctttac	cgnaccattt	600
atagctaccc	acgccg					616

<210> 2608

<211> 360

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(360)

<223> n = A,T,C or G

<400> 2608

ncaacatnac	cgacacaatt	ggtgtgtcga	aatgctatca	accnagtng	tccggcgccct	60
tcnaaaaccgn	ggatactggg	gagatcggn	ccancctcca	nganattgga	cnaaaatggg	120
aaacatccac	tggccccccac	acangtacng	atggctcgac	ctcggtatcc	cnaanatagg	180
gcttccatct	tttttctcat	cgtgacctca	caaaaactga	tgtntggctc	ttttgagaca	240
ataaagattg	cattcctcaa	gggcgcggng	aagaactnna	cactaccggg	tggcttnact	300
tctggacccc	ncaaaatatg	tnacnaaat	gctgggtggg	aaaaccacaca	ctggggcaaa	360

<210> 2609

<211> 678

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(678)

<223> n = A,T,C or G

<400> 2609

attaatttca	tcattaaatc	ttcttcgatt	cattttctta	ttctgtttgt	cgtgggtgcga	60
cacagaagtt	gtctgggtct	gagcgagttg	atgagctagt	atcacgtgat	cgaagaccca	120
catatcgtgt	cttcacgggt	attctctctt	cccagccttg	tattatcatc	atcacctcca	180
ttcaatcacc	gacacggcgc	cgcctcacga	gaagcgatct	gattgctctt	gcagagttct	240
ggagtgcaaa	aaggccattt	ctcctgattc	aagcgtgcga	tcgaagacac	cggccgactc	300
ggcctacagc	caattaaaa	tccqacctgt	acccatcgaa	cgagagcgcg	cgcgcgcgct	360
ttcccttcgt	tggaaacatc	ggggcttgta	gaaggyatcc	ccttgggttc	gcagcgttcc	420
ggaaatcatt	ggagtagtct	tgcagcgtgc	tgganactac	tanattgcct	gtcagcgaa	480
ctgggtgtnt	ttgtacgtgc	cgtacogtgt	cnacaactac	cggccatacc	cgaacgatac	540
agggccatca	catacgcgct	caaatatccg	gatnctcgnc	ggtggggggcg	ttataattgc	600
cgactttctac	ccaacaaaa	gangccttgt	tgcccttttt	gttgggaagg	cggggttttc	660
aaaaaggaat	ntacttga					678

<210> 2610

<211> 549

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(549)

<223> n = A,T,C or G

<400> 2610

gcacccccgc	aagagccgca	ggtcacccag	ctgaacggct	ttcccaactc	tgcgaacccg	60
aacaacaact	cgagagcacc	ccctgggcct	caggetgcct	cttctaattg	gagcaatcgg	120
ccttctagaa	taatcaccga	actccctccc	cccacacaac	ttgacattga	atggtcgcct	180
gtgttgacta	agaacaacga	gcgcattctc	aagctagggt	acctcatggt	ggtctcgacg	240
cctttgcac	aagcccccc	ggaaaggaac	caggagaagg	acataagaag	ttgtctcggt	300
tcttcattgg	aagcacaaca	aagaagcgcc	agcgccctgg	catgattacc	tcaagcggtc	360
gaattgtgct	tgcttcaccg	gtggtgagga	gaaacggcaa	agcaagagct	ggccttctag	420
gacagattgt	tcttgaagac	tcaggtcgat	gcaaaagggc	aaaccgatng	tgcgtaatac	480
cggtggnac	cattatcatt	tgagaggcca	atnctatcaa	ctccccggaa	ggggttaacc	540
centtattg						549

<210> 2611

<211> 104

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(104)

<223> n = A,T,C or G

<400> 2611

nmgatcaatt	cgtenttatg	cgncacactg	caaatngcat	acccctgant	ttngttcgat	60
ngcctttatt	caaagtnnat	gtggctcnnn	cagtgacagga	ntga		104

<210> 2612

<211> 600

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(600)

<223> n = A,T,C or G

<400> 2612

ccaaggetct	cgatcgccctg	tcaagaccac	atttgccgac	agtaatgagt	ctctacccgc	60
caacctggcc	cctacgaccg	acccaaacga	gtaccctctc	gagccgccta	cccaggagtc	120
tgagcagctg	gatcatattt	atggctccta	catctcgcc	ctgtgcatta	cctctttctt	180
tcacctcatg	togtctgttc	ctctacccca	agacgccgag	gagcctcact	cctctcacag	240
gtgcttggac	aaccaggagc	aaccgcgcct	cgnggagcta	acgctctcac	ccacaccatc	300
tcttgaat	ctttagcctga	atgactctgag	aaacacatqa	atgatttacc	gctttgagca	360
ngaattggaat	gtggacgtgg	tcctccanah	agacagtggt	tggagacnnc	ccctcgactg	420
gtggtctttg	acatggacag	cactntnatt	actcaggaag	taattgauct	tttggtgat	480
catgtcaagg	atcccccaaa	tctggctgcc	nggttgccca	aaacacacat	tgtgcqanga	540
tgggtgagct	aaantttgag	gccttttttc	cgngaagcga	agtcgctctt	cttaangggg	600

<210> 2613

<211> 265

<212> DNA

<213> Fusarium venenatum



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<400> 2613
atccactatg gcgtaggccc acatgcttgt cttggaagag acatcagcca ggttgcgctg      60
acggagtgtg tcagggctct gttcaggaag aagggcctta ggaggggtggc ggggtgcgcag    120
ggagagctca agaaggtgcc ccgacctggt ggtttctttg tctacatgac agaagattgg    180
ggcagcattt ggccgttccc cacaagtatg aaggtgactt gggatgaata ggatgaagta    240
tgaatgatat catggatgga attat                                     265

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```

<210> 2614
<211> 443
<212> DNA
<213> Fusarium venenatum

```

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<220>
<221> misc_feature
<222> (1)...(443)
<223> n = A,T,C or G

```

```

<400> 2614
cttnttcgcc atgtcctctc cctacgacct gcatenegac tategaggct cctcttcctt      60
aatttgnaca tatncatgaa ncgaccttna gatgccnttt taccctcctn acnagccgaa    120
ccgcctcctc cnaaacgcgt cccaagagca gtccgngaag cgcgctacag gccatcataa    180
attccgtttc gcacccttca aacgagcgtn ttttggcgac ctactccttt gctggaacga    240
gcggggtctg tagaggggac tgttcgagtc ttgcagctca attctggagc tcnaatagtn    300
gcccggcaga gaaactgact tctcttgncc aaaacctgnt ggtctttcgg ccgtaaaaaa    360
anaaaacctc actctcagtc ttgcagctna attcttggag acggagggta aggttntttg    420
cangaatctt taattcngcg gtt                                     443

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```

<210> 2615
<211> 423
<212> DNA
<213> Fusarium venenatum

```

```

<400> 2615
cagaacggat gttgagctca tgtacagaag gctgagcgca gtagaagcca agtggtttac      60
aaggttgatt ctcaaaagct atcaaccact agtattagac ccgcatctca tataccgtct    120
ttgcgacctt cttcttcctt gcgttctcaa ggttcaagac gactttgcta ctgcgatcac    180
tactgcacaa actttgcgaa ggggattact cccaaattct ggacagcaga cgcgcgtga    240
gcaaattcatg agcacggtaa aacctcaact gggatatcaag attgggcgac agccttggat    300
taaaggccgc agtattaagc attgcttgga tatgggacac gggcgtatga atgtggaaga    360
aaagatcgat ggcgaatact gccaaatcca tatagacca agttaaagga gatcgatgca    420
tcc                                     423

```

```

<210> 2616
<211> 614
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(614)
<223> n = A,T,C or G

```

```

<400> 2616
cactattggg gataggagcg ttcacaatgt cctcgacgaa gcggaacttt ccctcgtaat      60
aacgntcgag aaactacata tqcgatttgc gtccctttatt ttgccttgac gattccttct    120
ctcccgacag tttegggtcc gataaacctcc tgaaggccat gtccggagac ttcattgccat    180
cggcaccaac acccctcaac agcttcacaa cagataccgg cctqaataac gccagcgccg    240
acgtttctgt gtacaaccct acggcctgga gttttaatgt gacacgctat gcacctaaat    300
tagaggacct tgtgcggggt ggtccacgac ttgtcaagaa acctggatct tttgcattca    360
tcttcgactt cctcgatacg actttcaata attcngatta tctaccngcn ggagctgggt    420

```

cnagtntctat	acttgccgaa	ggctgggtcca	cgatcaaaca	tatggaactg	ggctggggaca	480
ttgaganacc	cgtactgtca	gccgcatatc	cgatggacgt	gtgtgggtcga	agtnccgtac	540
ttgggtanac	ttggnttgct	caagcaagtg	gcattggggt	nattgtatgc	cgnattttta	600
ccgacgcaat	ttct					614

<210> 2617  
 <211> 130  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(130)  
 <223> n = A,T,C or G

<400> 2617	
ncatgaaatt	cggttgatgg
ctngccagaa	tggcgagacc
ncacaatcac	

<210> 2618  
 <211> 842  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(842)  
 <223> n = A,T,C or G

<400> 2618	
ctgaactaca	ctctttgcaa
cggtctgata	cagaacttga
aaagacaacc	acaactccaa
tcactttcaa	caaaatgctt
cagccaccac	agaaaagaca
tcgtcactac	cggecgaggt
ctcgcaagcg	tcaagacggt
ctgggtcgcg	tggcgctggc
ccagcaacga	aggcgccatc
tgcgcggcga	gtcattgggt
cgagcgagag	cgtnttccga
agttttcatg	tctactatna
cettgaattg	gattanaaaa
aatggggtac	cggecggect
ct	

<210> 2619  
 <211> 534  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(534)  
 <223> n = A,T,C or G

<400> 2619	
baaagacaaa	gtccaagaag
ctcgaaagat	cgcaaagaca

ccacaccctt	cgagccaaag	aacctccaca	ctgtcgtttc	tgaggaagaa	cttgagatca	180
ctatcgacac	tctcacatcg	ntggcccaat	atcctgggtt	gatcaagtca	aagctctgca	240
aggaccttag	agttgccgta	tacgactttc	ggcaagcttg	cacgaccggg	gtcaacaatg	300
ctgntggcgc	gaaccttaca	gcgcagggtc	ctgctgcctc	gccgatcgga	aatacactga	360
agcaagaatt	tttcttgctg	agatgaanat	tcggggcgaa	cagcccaact	tggtgcctgt	420
gccgatgggt	gcganatctc	gatgtcatna	cggnetgten	ctgtgccana	ccacagggtc	480
tcgtgaagcg	ctccgaangg	aagaacctg	acaaggcatc	gattccgtnt	taaa	534

<210> 2620

<211> 142

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(142)

<223> n = A,T,C or G

<400> 2620

naaaacctga	cctgncgntg	gttgcattgn	cgaccgaagn	tanacctccc	aagggaaaaa	60
anggaaaaaa	aaggtngana	gccccaaaag	gggtntggaa	aagagaagaa	nttggacttn	120
aggggagggg	ntaaggaaaa	aa				142

<210> 2621

<211> 467

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(467)

<223> n = A,T,C or G

<400> 2621

cgagaagcga	gccagtgtc	atgatctgct	aaggcacgaa	ttcatgaagg	gctgcgttga	60
tcttatccaa	ctctccccct	tggtacgagc	tgctcgagaa	caaagggcgc	aagaaaaggc	120
tcgcaagggg	cagtaggtac	acccccgagc	aaccgttcct	cccccgata	tgcttatcgc	180
ggtgaaacgg	gagagcatat	tctaccgatt	cccagcgtat	tttaaacgac	gngattgat	240
gtattgatac	cgtcaatact	gttccgtcgt	ctcgtgacga	cttggaaaca	atnaagcgga	300
ccttgatgtg	tcttgatcac	gattttgatt	cccaactatt	ttaatgacat	ttttttgcac	360
aaatcattca	actttttata	gcagggtttt	tgcantattg	aaatttgaaa	gttnntaacc	420
attgctttng	caaaagggct	ngggggggnt	cggaattttt	ttattgc		467

<210> 2622

<211> 197

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(197)

<223> n = A,T,C or G

<400> 2622

nggggggttc	tctcaggggtg	ggccatgtct	ctccttgccg	gcctcacctg	gacaaaagcaa	60
grrgggttga	atccttgccc	tctctctggg	gggtgtccctg	cccangacct	ttggccgaca	120
tggttaagcc	tacagatgcc	aaccggcgga	ctnccgttat	gaagttccca	ngggggaaaa	180
aaccttatng	cccccttg					197

<210> 2623

<211> 579  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(579)  
 <223> n = A,T,C or G

```
<400> 2623
cgctttcata tacgtccgtc actatctatc catcactacc aacaaactct taacaatgga      60
tgccccctca acctccaact ctteggctca gcagttctct tctgttcaga tggtcctca      120
gccagctccc acccaaggca gcaacccatc aaccgctctt ttctccagg actttacact      180
cattgccgag gctgccaaagc gagcccagat ggccatcatg attcgcgatt ttgaagactg      240
tggcctgtaa attcacaaca ggctatgcaa tccaacaaga gaaagaaaagg gaaaagatga      300
tcaaaacccat acctatctcg accaaaagtc aactcgacga atcacttgag anaccttgat      360
tggggggggg gaaaaatgtgc andantggca tttttggctt atcccaacct accaatcacg      420
acgtccatgg gccatattca cattctttgt ctctctcata tcactcacct caaaccacna      480
ctttcttatg catcatcatc attgctatca tggttatggg aggaaaanggc cntccanaa      540
aaaaaaaaat ggatattgggc atcttttctc ggctctatt      579
```

<210> 2624  
 <211> 517  
 <212> DNA  
 <213> Fusarium venenatum

```
<400> 2624
gatttgttcc tcacttgtct tgagaaacaa gaacaaaccc ttggcataat atcatccaat      60
atgcaacctc tctaagagc catgcctgtc gaaaagattg tccctcttct cttgacagtt      120
ggcagcgcca cagtcgttgt tgggtggtgt cgcacaacgc tcaagccaca gacacaatca      180
cggctctttt atagaagact tgcttcatac agcacagcac aaagtgaaaa gactatgacg      240
acaatgattt acagcacttg gctagaagat tagacaaagc cattggtaca gaaatgcagg      300
cgtttcagac caccacatcg aaatcacgac acttaatgca cattcacgaa caaacacata      360
cacatatcta aagtacttgc tggcaagatc aacttcttaa gcaagaccag tacactacaa      420
ctattacact acggcctgga ttagaaaaag ttacataaac tagcgaatga tagaattatg      480
ggcaaggatc ccacttgaac ctttcaaaaa aaaaaaa      517
```

<210> 2625  
 <211> 614  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(614)  
 <223> n = A,T,C or G

```
<400> 2625
aacaaaaggt tegtgtacaa aggttacgcg agtcctaaag ttacctaca tctcaggtgt      60
cagggttggc ttgcnctact acctacacaa ctaaaatttta tttcttccgt ttcaaattgc      120
agctttgtag cgaacccaac atattttgtt ttcatcatga ccttctcttc gcttccaaag      180
gtcttatctt cgcgcgcca aaggaatcaa ttgctctnta gtccanaacn aaacatcgcc      240
gcatnctttn ttctcgatac ccgaaataat gagcttagtc accgagatgc tctggcgga      300
ggcgaactag aacacgagcg cgtgcgtcaa gcagcgatc gactctacga gctccatgag      360
ctgcaagaag agcacaagcg catcttgctg aanagcgcaa ggnggaggag agattaaaag      420
ctgaagcgcg tgtggttgcg gaanaaaacn ggctttggga actnangna aaaaagggtt      480
caagttcccc ggacgcgccc ccaccagcat tncaggcaay caagancctg ngaaaacaaa      540
tggggngca acttctgtna caactnaaaa naacctggag ctttccacn cccccccna      600
aaaaaaaaac cctt      614
```

<210> 2626  
 <211> 190  
 <212> DNA  
 <213> Fusarium venenatum

<400> 2626	
tattgagcat ggttgggtag tgttagaata ggttatggaa ggataggcgt tatggtggat	60
aaacaacttt cttcttcatt tttctttctg tacatttcca tttattgtta cgacgaaata	120
cttttcaaga accacactat tttttagggt taacaaatag tgtggttctt gaaaagtatt	180
tgtaaacct	190

<210> 2627  
 <211> 293  
 <212> DNA  
 <213> Fusarium venenatum

<400> 2627	
cgaaataggc atgccagtgg atgaatttat cgataagatg tatgaagatt tggccaaggg	60
tagcgatcag ttcgcggctg gctttggaac ggagctatct aaagaagggg gttgggaatt	120
ccagcgcgga aaaatgtgtg atgaagtaag aagtgtttta aacgttgcac tagtggatta	180
tttacgggac taagtataag atattgcaga taaggaagat attgcacttt tcccccttgt	240
atttgtaatt ttactttatt aaaattatca ataactact attttctttt tct	293

<210> 2628  
 <211> 634  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(634)  
 <223> n = A,T,C or G

<400> 2628	
cagttcatga tcgatagcca ggtctcacc c atggtcttct caatctccaa attcatcgct	60
tcacgtctct ctattcttct caagttgccc attgagactg tccttcgacg tggacaggct	120
tcactcctgt caagtcagga atacgtgcag gcaactcagcc ccgggcaacc attcaccact	180
attatccctc ccggacgcta cgaaggcact ttccgtacca tgttccatat tgtcaacgaa	240
gagggaaacc acgaggtctt gctacggcac atgctgcagc aaagaagggc aaggcaaaga	300
ataagggtgt tgccgcaacc gtctacaagg gccagggccg tgaggggctg tggagaggct	360
ggaagggtcaa ctggtggggt cttgttggtc tctggactgc gaatgtggta ngccatgggt	420
gagagggtca attttaagac ggtcacaatc tcaatatatt aggtgcatt gtactgaggn	480
gcattttctg gcaacgcgtt gcgggtggga tgtatntntt atctaccagc ttgacnaaaa	540
aaccgcatta tatecnccc cattttntga aaatgaaatg gnganaaaaac naaaaanggg	600
gctggttctt tantanttea aaattttatt tcnt	634

<210> 2629  
 <211> 621  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(621)  
 <223> n = A,T,C or G

<400> 2629	
tttttttttg catttaattga acctcttcat tcatgaataa gatttgatct tttggcaaac	60
ctataagtat acaaaaaaac aatgcgccga aagggtggct cagaaagttt catcccaagc	120
caacgccttg gttttctcac ttggatttca caagcttcgc gtcttctctg tcaactgcat	180

catcgtctga	gaacttgtct	ccatcctccc	caacagcaaa	gatggtctca	ttctctagcg	240
attcacgagg	accggtgctg	gtgttcgttg	gctggtgagg	ggcactccga	gatgcgcttg	300
anaacgacag	accggtggcg	tgttgtgagt	tgttttgagg	cttaacgatt	tgggcctcct	360
catcatctga	atcttctcct	ggaacaccaa	tatcgccaag	gtcaaagttg	ccatcatcgt	420
cttggggcaat	ttcgtcactc	atggcaaaaac	cgacggttgt	tggacgtagg	gcgccaaaaga	480
tcgcgatcca	tgcaacgtca	gcaaagtaga	ccacgttcag	ccccatcga	ngatgaacca	540
tcgtgtcttc	cagtggaaacn	gaaccaaate	aggatcctgg	cagangcaaa	cgtgaaactt	600
gttgaaaaaa	aaaaacccaa	a				621

<210> 2630

<211> 382

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(382)

<223> n = A,T,C or G

<400> 2630

gtagcanatt	tggccaagga	catgtttcta	gcaacagctg	gtgtcatggg	tcaagatatg	60
cctcttctag	ggacagcaag	ccaagggggg	gacgagcgac	cacagcctac	atcgagtgcg	120
atacggatca	ggatcatcca	aacattggat	ggtgatatac	cttcttcgcc	tcccagcacg	180
acatcgaata	tcaccagcga	tgcagcaatc	aggcgattgc	agcttctcgc	gccctcgtaa	240
cagttggaca	agatggaaaac	tgccaaacag	tcaagtgttt	tgtcacgctg	gccaaccgag	300
cgtggtgtca	ccacagatga	ctacatttct	ancgttgcta	ttgccagcga	tanaaagttt	360
gaggatgcaa	ngttaccact	gc				382

<210> 2631

<211> 558

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(558)

<223> n = A,T,C or G

<400> 2631

gttgttcata	tcgcgccggg	tgaacggagct	tcanaacgga	gcgattgggtg	ttttgagtca	60
acctggcggtg	ggttcgactt	ttgcattcta	cattgaggca	tatgttccga	gcgaacctcc	120
aggaacgaaa	ccactggctg	ctgccgctgc	ggccaggcta	atcacgggtg	gcagtgatgc	180
cgaactcggct	gatggcaagc	aaaactgccg	cgacattcgc	ctacaaaaac	atcagaatcc	240
gggaggaaaac	gtncgaonag	atggggatcc	tggtgtcgaa	gacaattctca	tcnatacgca	300
gatcacaaga	cggggattga	cagatcgggg	cttcntggcc	gatgtcgcga	atcatggaat	360
cnaaactcnc	gacatactga	gaagcgccag	agtactgttc	caggacttgg	tctcaatggg	420
gtcctgntcg	ttcagggaag	gacctgccc	nttcgctgcc	cactgccatt	aatcttgtgt	480
tgatggatat	ccagatgcct	gttccaggac	ggcttngacg	tgcaccnaa	taaattccgt	540
gaattannat	cgggaagga					558

<210> 2632

<211> 354

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(354)

<223> n = A,T,C or G

```

<400> 2632
gagcgcaagg cccaggagtc taaccentac cacgagggca aggagaactc ccacgacaac      60
ctcganttta aggatgagcg atcenttgcc aaccgactcg ctgctgagga gcanaagtca      120
gagtctgggtg acnatactga nactgccccaa ttaaagaagg accttacctt gcttggttct      180
tttacggtaa cnaaccttcc aagggcncca aggtcnntgc aaagttgcaa gctgaggagg      240
aaaaggactt gaaccccaag ggcaaggntt attggtaaca atacttanat cacgggccgt      300
ttnnttgcat ggcaaatgat gcggaaggga tgaattaatg aacaataatt gaag          354

```

```

<210> 2633
<211> 285
<212> DNA
<213> Fusarium venenatum

```

```

<400> 2633
agcccatcga gactcctcag cctgttgaga ctccccacac aactgcttcc gagaagccag      60
ctgtccttta ctaccctcct cctccttact aagggcatga aaattagcat tccatgagtc      120
tgggaccagg atgtacactt gcatacattt agaattgacat cttatcauga tcttcacgac      180
ttgttttgta tttagatttc tggttatattt tgtacatgag aagcatttag cttagatagc      240
aatagcgtca atacgacata catctttcct tattaaaaaa aaaaa          285

```

```

<210> 2634
<211> 495
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(495)
<223> n = A,T,C or G

```

```

<400> 2634
tgaaactaga cgcgcagacg tgagggcatg tgagtctaga tccctgcaga gctcttgaca      60
tcgtggaagc ttgccaaact aaccccggtc ctgtcaaccc ggctgaactc gctgaagcaa      120
ctcgtcgttc aagctcgaca actcggcaca ctgtgctatg aagatcgtgg ccaaggcaca      180
tgcttcaact tctctcccgg agaaaaaata ccgcctgtca acaccttact cttacgatcg      240
tacgactggc agcacacagc tgatgacgtc gcaaagcatt gggacttctc tgggatacaa      300
tcactegaat tgatttcggg gcccattttc aattttctga agtcggtatg cctccganac      360
ttttcacagc tccatactct acatgcggag gattacagtg cccatctatc ggataagaaa      420
aaaaacceng cattgctttg aacgtnttga taangacaca tcaaggcctc gaaggtgtta      480
atattacttg tctac          495

```

```

<210> 2635
<211> 343
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(343)
<223> n = A,T,C or G

```

```

<400> 2635
nggggatgct tcccangtot ccgaaggagg aagagcctac agctaengca nccgatgatg      60
argacgacaa caaggecccc acggcagctg agggaaaggc gactgcagat gctactgcta      120
ccgacgaana tgccacngct nctgcgaccg aaacngaaga cgacgatgcg actgacacag      180
ctccctgacg qgcaccgaga ggcgagctcc cacaaggacc ggtgacgtng ttgaaatcga      240
tctccagaac gcgactatcg gcgaaaatgc ngaactgatt aaagtcnacg gaaagactgc      300
ntnaaaactca gcgtcccgcc nacgggcagg caacgtttta cgt          343

```

```

<210> 2636

```

<211> 492  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(492)  
 <223> n = A,T,C or G

<400> 2636  
 aaactccagc tacaaaccca ggggaatgga aattgaccat tatgaaggct acaggcccgg 60  
 tggatattcg gcgttataat tttttttttc gctcctgtct ttcctttgtg gcaagggctt 120  
 tttttcttca tgatatccca taagcaagtg ggtactacgg atcacaaggc ggcaccgggc 180  
 ggctacggac ggatcaggaa tggcaaaggc aaaggtatat ggggtcaatt gatttttnag 240  
 cgactacggc gactctacgg tattggcaaa gccatggaaa gaacggatca aagaanaaag 300  
 gaaraagggc acaaacggca aatggcgaca ggaccggatc ttcaaggcgt tattgnattt 360  
 cgttggacat aaagggcag cggtnqgac acgacgtaca natgcccga cgggactgaa 420  
 atnnagacat gttggaaaaa acccaacaca aaaaaccatg nttaagaaaa caataatact 480  
 ancgttttnc tc 492

<210> 2637  
 <211> 596  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(596)  
 <223> n = A,T,C or G

<400> 2637  
 ggggtctttc atggggcaat ggaccgggtga aatctcgatg acggatctat ccttccagtt 60  
 ctgtttgcta gatctgggtt ccatcttctt gatctatggg gaaaccatta tcatgccaca 120  
 gggatttgat tgcgactttc catcttggtc tacgggtcatg cttccaattt cacccaagct 180  
 togacgggtg aaccccgcca acggcccggg tagcctttgg aaacccttaa ctacatccat 240  
 gacatgcata aacagaccac accaacagcc gaccctcatt taagccaacg aatcagtggg 300  
 caatatattac ttggcaatgc tacagtccgg tctcccgaac tggcgctcact cataggtgat 360  
 gotgaatcac atctcatagc tgtggcaaga ntgaggctct gcttcgaaaag attggcgccc 420  
 acaacttcac cggattcggt gtctcagaac gttattcacc atactcgcca taagactttt 480  
 acttgctggg ccttcagttg tggaatgttt atccaagtag ggcagctgan caaagatctc 540  
 atactgcatt gactccctgt gcccgccatt gagcaagatc agaactatag aagggga 596

<210> 2638  
 <211> 331  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(331)  
 <223> n = A,T,C or G

<400> 2638  
 cctgcccttt cggagttcga tctcgatatt ttcaacgact cagcatcgct cgtagtctctg 60  
 cgatatcttg aaaagtctta ctccaacact cccaaaacgc atgccacggc atcacgcagg 120  
 cactctacat tctcgcgatg cttgacccat cacacaaaca cgcacacac cacaaccccg 180  
 ccacaacact atattccccc cagtaagggt tttaagatgg atagatagag attcctaagg 240  
 acagaggttt nttgaggtga actgttcgag tttagcctcg aggcggatca gtggatggat 300  
 ggacggatgg ttagttagca tcataggaac atcagatcac atagcacctt ttnttaaaga 360  
 agtaaaagaa aaaaatttca t 381



<210> 2639  
 <211> 455  
 <212> DNA  
 <213> Fusarium venenatum

<400> 2639  
 cgggggttctt tccgtgtctc aggttttcat gagatcactt agtcaataac ccggtcatgt 60  
 cgcgacatga atacgtccgc cgagcggttac gaaaagtata ctccgctgta tcgtcagata 120  
 tcgggatacg tccctttttg gcgcttttac aagcatcacg ccggtgcaag tattgcatat 180  
 gacccattaa cgccacacgt tcgtcttgta tggagttctc aagggtcgca cgaccatttt 240  
 gtatcagcac agtggatttg agttttgatt cgcttgcgat tgcaaattac aagaccgcag 300  
 aagggtctaca ggttctggtt ggcgataccg gttttttgac aacttcattg cgtgatctgc 360  
 ttgcactggc tctgtttatt cattgctttc acataggctt tcaggccctg cagctatacc 420  
 ccccttcattg ttgtttcatt ttctctggcg tttcc 455

<210> 2640  
 <211> 676  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(676)  
 <223> n = A,T,C or G

<400> 2640  
 gctgttactg tttgtatcta gtgcacctct ctctataaat caatactcta acctatatca 60  
 gtatttcate actgagtcac ttctgtgttcg gcggtcaaca attccaacat caattggagc 120  
 cctctcgccc gctcgccag ttcttagatt gtccgtatcc tctgacctat cgggcacatt 180  
 ggtcacgacc gacctatcg gcgaccgcac tctctacgca ctgcatttat cctctctgc 240  
 gttttaactc atcgccactt tctttctgtt cggcttctcc ggcttctgtc ttgtttatta 300  
 aaccagaagt ccacatcggt gcgttgctctg tcacaattac acaccaactg tcatagtcag 360  
 gtctgcggag cctcaaccaa gcggcacatg tgacaaccac ttgacacctg cttcacacta 420  
 agctaccttc gctcttgcc tgcgttttgc cgaattgctt gagctccacg atttgggtct 480  
 tottgggtct caagaagttg tctcgttgtg cactccctgt caatcccaca ccttgaccg 540  
 gtgctcttca acgctgttga caagcccatc atcancacca agttgtgatg agcgtgttg 600  
 cacatcgncc ggccaaagtc accttgcagg tacattaaat gccgttacgt cgcacctna 660  
 tgagaaaccc gactgt 676

<210> 2641  
 <211> 463  
 <212> DNA  
 <213> Fusarium venenatum

<400> 2641  
 cttctcaaac accttaatta ccattctctac ataaatccct catccaatac aatggctacc 60  
 gtcacatctc agtaccocag cggtcacgac ttctgatctcg actactacct caagacacac 120  
 atgctctctg ccgataagac atggaaggac aagggtctga agagcgctaa agttatcaag 180  
 ctggttctgt acagccctta ccaaatctac accgtccttc gatgggagag cctggctgct 240  
 ttcgaagctg ccgcacctgc cgaggagcgc aaggctgttc atgaagatgt gaagaacttt 300  
 actacagcca aggcgcgacgt ccgcgttggc gagaccattg ctgagtctaa gctttgaatt 360  
 attgtcaatc ccaataccca atactgttga taccatttaa tatatcacia ctccatatct 420  
 gaetacaata ttatcccttt catcgtcaag aagttatata ttc 463

<210> 2642  
 <211> 512  
 <212> DNA  
 <213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(512)
<223> n = A,T,C or G

<400> 2642
cttcgcgatac cagaggttgc tgcactggtc tccgaccctc gacggttggg cgaaacattg      60
ccgccgaatt cttgcttgaa tggagttgct ggaccagaat cgcgaaatga cgacgatgta      120
tccgaaaagc ccgatgagct agcagagcct cgtctcatatc tgggaacatt gtttccttga      180
aagcctccca cgccegtaga atcccgtcgg aatgggtgatt ggggttggga gtcatttttt      240
cctgacatgt tgcccgtgct cattcttctt ggcagctcgg gtctgttacc gtacgaactg      300
agccgaacat tttgtctctt ttgctgagag gctctctcgt tcatctcgac ggtacctgtc      360
aacttcgact gggtataccc acttgacggg ctaccactgc agatactctg tgctcgcttg      420
tattgtttgt ggtaatcgtg caacgaaatg gtancgttgc tcattgaccg angnccaagg      480
gcgggtctca tgcctttggg taaatcnttt gc                                512

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<210> 2643
<211> 1013
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(1013)
<223> n = A,T,C or G

<400> 2643
cacggttgtc tactgcgccg cggaccgata cggcctcgag gagctaaagc gtctggcctt      60
gggcaagcag ggaactgcaat ccggcatcga tgtcgggacc attattcggg cagctcagta      120
cgcctacgcc catacccccg actcagacag ccgtctgcgc gctcactacc tcgccttgat      180
catccgctgc cgcaaaacct ttaagcgcag cgggactatg caggccgaga tggaggcggg      240
cggcagcaag ctgttctttg acctgtttgt ggctatgtgc aatcacctcg acgacgtcat      300
tgatgtgagc aacgctcgca cgcccaagac tgtctgaggc gattcaagcc aagctcaaca      360
cacacatata cccactaagc aggcctccag atgcctcgtg tgtttgatca tagctggagg      420
acatgtacta aaaggaatat cgccaaagcc gcgaaaaaga acaaaaacca caaaaaaaaa      480
gtgatgctta caagaacagt tgggaattcgg cgttcggttg cttttcgtgc tccatcatca      540
gattgacgtc ctaaggagct ttgttttatt acatgactcc ccttctgcga ggttggccga      600
ccgagttttg atgatacacg agctgagagg atataatccg acgcctacga agtccttcac      660
atcctctgct cctttattgt gcgttctact tgatcgcgag ttctctgta tttgtcttgt      720
cattttacaa ctctgctttg ataccacaca cccaacagca ctgggacatt ttctttctct      780
tacactctac tctggcggtt tggtatcatc caaaaaagac caggttgtct ttgattcaac      840
accagagttt tgggaaggaga gattgggaag gattggaatc cttgactgnt tttccgcacc      900
cgtgagcaaa tgcccccgaa attggcaata tgctgcattt gaccatcttg gaattttttt      960
tgggaaaaaa gaagaaaaaa aggnctcctg gtttgggntg gtttttttgg ctt                    1013

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<210> 2644
<211> 634
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(634)
<223> n = A,T,C or G

<400> 2644
agaaaaacaa ggtgggtttc gaagcggcaa cgcdaaggac gtogagatgc gcccgaagagc      60
gaacatgccc atcgtgaaga cgctgaatag cctcagcgag aagatcatgg ccaatgtggc      120
acggtctgac gttaacacgg acgaccctga tggcggatac aatgcctacg ttcaactggc      180
attgcgtgat ctcaagggcg atgctcaaga gcacatgata atgctcaacg tgaatgaaca      240

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gaacaagttc	ttctcgaaac	acgactcagc	cccccggaag	caagctgcc	tcttcgaaaa	300
acaagtaccc	agcgatgtgc	ttttcgatat	tatggcaaga	tctagatata	ctcgagagt	360
atggagctgg	cggcatcaac	atccaggcag	caatgggatt	cgacgaacaa	agcgacagcg	420
acgacgacac	ccctaaaaga	ccacatgttg	gttctcgctc	tgccttcctg	gctgctgata	480
aggnatcat	gaagggaata	cgccagcaac	gtgtccagaa	gtacgggcat	gacacggna	540
ctgctgagcc	tatgggtcna	ctgttgagan	ttcccgcaag	tgcagcctca	ctcatgcgaa	600
caccantgag	ttcttacacc	aaattctggg	acgc			634

<210> 2645

<211> 552

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(552)

<223> n = A,T,C or G

<400> 2645

gacaactagt	gtcatgagct	tggaagtgtc	tgacaaatat	tcaccgacgt	cgcggaattg	60
atagtcanaa	accaccatga	cagcgctcgca	ncanaacaag	ctatcggaat	ccaatctcga	120
cccgatctca	nacgatggca	aaagcttgagt	tgaanacctn	atgcatcaca	gaccggatgt	180
ccatacgtgc	cttggecgcg	tcttgccgag	cctggacttc	ctctancact	tgcgcgnga	240
tgctgtcatt	acccgcgacc	ttctccattc	tganaatctg	tgttttgatc	caagcctttt	300
cgctagcgtc	ttgctcttct	acacccaaca	tcaaaaagagg	ccatacatat	tgatgggaag	360
tgtgtcatca	gtatccaagg	nggccacaat	ntgccgagcg	agctttcgga	tttgggtccaa	420
aacttntgac	ccctnttttn	ttaaaagcan	gctntttag	gccaccccg	nnaaaaagcc	480
ctttgctggc	gtaataattt	tgaaaagtnt	tttccggaan	gctngtgtga	naaaaaaag	540
ccaaggtggt	tc					552

<210> 2646

<211> 597

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(597)

<223> n = A,T,C or G

<400> 2646

tttgactact	actttccata	agcttagctt	agctgccaaa	tataaaaaaa	agaaagaaca	60
agaacatctt	cctttgtccg	cttgccgatg	atcccgagtc	acctccgtac	aacgatatat	120
cgtcccttcc	cgccacccca	accaggtatt	gcacagaca	catcgacctg	atattcacag	180
gaaaccccaa	agaatctcct	ggagtttgat	tctgctgctt	ctgtgctctg	atatttccat	240
ctacaacaac	aaattactgt	gcccctctct	cctgactact	gctacgtcga	cactcccttt	300
taactcaacc	atcttgatac	caaagagaac	cagccatgac	attctctcag	caagacatgc	360
actcacaaga	tgagcttgct	gctctcctgg	ctcgcaactt	gacctttaac	ccgattcccg	420
agcctgcacc	tgtgctctcan	gaggcaccta	aagcagaatt	tgctgagcct	atcatatacc	480
ctccgttcat	tacacacact	ctgcccatac	tgacacaagc	gntcagcacc	aggaaattnc	540
tcgtcgatct	tcgggagcct	cccgagatct	agcacaaggt	gttgaatcca	tcctgat	597

<210> 2647

<211> 609

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(609)

<223> n = A,T,C or G

<400> 2647

tgaaaacgag	agggcgcgct	gttattagac	agcccccgag	tgccgtgccg	aagactcttg	60
cgacagagac	gttgcaggaa	tatcaagatt	atcagacgta	tggtattcaat	caggaactat	120
tccgcgggaa	tcttggaaac	tctagcaagg	ccatcgtgtc	aacaccttga	gcaaaccag	180
ccaacggtat	tgtatcatac	aatagtacgc	attgggctta	aattagacag	catgtgtgtg	240
caggtggatc	aagagttttc	ttgcggggcac	atcgggtttc	taaacattcg	ctgggtgcaa	300
agagttttca	acggatgcaa	gggcccttcg	cataagcacg	acgtcgttta	cacacaggac	360
atatgcccag	attgnatcag	gaaggatacc	tttctaaacc	attgggtccc	aaaattaccg	420
aaagagttta	agaggagaca	agatnctggg	aagcgccaaa	gaagcatccc	catgggtcatg	480
attggagcta	gattatggcg	gctngaaanc	atcgaanccg	gtttntggaa	acatacttgg	540
ttggaataan	cctgncttga	aaatgggtcc	cgaacatntt	tgtnntgaaa	accncttggc	600
tgnaantgt						609

<210> 2648

<211> 222

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(222)

<223> n = A,T,C or G

<400> 2648

ntccaatcaa	gcgtnacatt	ngggacgagn	gcgtncgtga	tctcatggac	natgccgggn	60
ccccatcaga	naancaaaac	gacgatgaan	ctgnggcgtt	gacctacctg	ttaagtcttg	120
acattgactt	ggtttgatact	ggnactgaac	cacanagagt	natgagagca	aaagcagtng	180
gtgngctatt	caaggcaaaa	gcaaggggag	tctttggaca	ga		222

<210> 2649

<211> 389

<212> DNA

<213> *Fusarium venenatum*

<400> 2649

aggtgcactg	gggaaattca	aggttgatcc	agcaagtggc	gatacgacca	gtcacaaact	60
gcttttttaa	acacaagcct	gggaaaggct	ttgatgacgt	tgccggcctgt	ggatagcttt	120
tattgcgttt	tgtgtttctt	tggtattttt	tcactttcca	cccgaagtc	ttggccacga	180
gaagccaacc	ccctcgttc	acctttgcca	tctgctttga	tgggcaacag	accatacaga	240
tgtgtgatgt	atcaaggctc	tgactttcca	ctttcctttg	ggctttgacg	tcgtgtacag	300
catactaaga	aatctgataa	tgctactggg	gatgggaacc	gataagcatt	agcaacctag	360
aatgaagtca	gtttgattac	gtgacgtgc				389

<210> 2650

<211> 593

<212> DNA

<213> *Fusarium venenatum*

<400> 2650

caacaggcgc	gactccttcg	tagtggagtc	gagtcgaccc	aacccttggc	taacacagtc	60
tcttttttac	cacctaaaca	actttatctt	tgaagtttag	cttgtgcgag	gtcccgcgcc	120
gggtccaggc	tccgggtacg	aagcataagc	agtgaacct	atgatcatca	cttagaaaac	180
aacgacaaag	cggcattgcc	gacttgcaat	ggcaactcga	ctttggttta	ttggggcgat	240
gctcccaaga	acttgtctgg	ngaacaaatg	tgaagatatt	gggcacctct	ttgacgttgt	300
cgatgactcg	gggatgtgat	taccacgacg	tttattctcg	tgaggatccg	tcttttgacc	360
cgctcgagac	attgaagccc	attattgttc	aatcaacatc	cagacaggaa	ggctctaact	420
tatccccaac	tttccctccc	cattttcaat	agaccacttt	tggtgaaatg	ggcaaccacc	480
cgaactcttc	cctttcgata	ccccgactct	ttttcgcagg	ccactagtgc	ttatgaagca	540

gccagtcctgt cagcatccag cgtgtgcaat caaacaacct cacaatccac aac

593

<210> 2651  
<211> 739  
<212> DNA  
<213> *Fusarium venenatum*

<220>  
<221> misc\_feature  
<222> (1)...(739)  
<223> n = A,T,C or G

<400> 2651  
tcgttttttaa actacaaagt caagactatt taatgtcgca cagttcccag atactcacgc 60  
atctccacta caataccaac aaaacaaaaa tcatctcgca acaatgaaca caaaaacttt 120  
cttcactgcc ctactcggtt tggcatctac tgccctctgcc ttogaattca cgggtcccaa 180  
aqcugaagaq ctogacttgt ccaaaaacat caccatcacc tggaaaacag gcaacgcate 240  
agagctgaag cgttggcccg agttcgatct tgagtgglat acaagaccog atgatctcca 300  
tagcttcagc tgggacatca aacagagagt caatgtatct gatggcgaat acatattttc 360  
gcctagcgac aatacccgct acactctcaa ccaatttgcc gacgctctcg cctccaataa 420  
gagcttttca ttctgtagctg tottcacaga cggatgataa aaggaccctg aaacagcgaa 480  
ttatacgaat attggtagcc agaagtacaa gggtactggg ctcgacaaga caagtgtctg 540  
anctgcggtg ggcacctatg tggggagctt tcatcggtgg acttgtggca gctggattta 600  
tgactctgta aagacatggt attggaaccg aagtcggtcg gaagtgtctt atttatgttg 660  
atgtcccgac atggtantca tgggggggnc tanggggtat atataaanga tacntgnccc 720  
atattgncac ttctgagct 739

<210> 2652  
<211> 331  
<212> DNA  
<213> *Fusarium venenatum*

<220>  
<221> misc\_feature  
<222> (1)...(331)  
<223> n = A,T,C or G

<400> 2652  
agtctctcag catcaacttt gacactcctg gctctatcgc ctctgtcaac acatctttct 60  
ctagtcagcc tgaagactct ctgtctgcat ctctacttgc atctcctgcc aattttgcc 120  
ctcacatctn tggctctccc cactcaagtc gtgcttcagc tcttgatgcc accgcaatcg 180  
aacgctatgg ttacccaacc taccgtcaga agccctcggt cgcctntgng gccccaaagca 240  
gnaatccgac tatggctttg ctctctaata gctacagccc tagagcccag ccccttaaag 300  
cctaalggtc ctgnggancc aattccaaaa a 331

<210> 2653  
<211> 416  
<212> DNA  
<213> *Fusarium venenatum*

<220>  
<221> misc\_feature  
<222> (1)...(416)  
<223> n = A,T,C or G

<400> 2653  
ctctacctcc tatctttctt ggtgtaagag cggggaaaag gttgattgac aagttcgatc 60  
gcctatatac attgnotatt ccttggccag attaacatc gcccatcgct tagcgtaata 120  
cgcattgtta gaacaaaaag aagagaattg cttagttcca aggttccctc cgtttctccc 180  
tcgtccctt gacgccatca tctttcacia tgacgacaaa agatggccct aagctgocaa 240

agcaacagct	ggcgattctg	gccattgcc	gaatcgccga	gcctatggcc	tacacatnag	300
tcttcccata	ccttccaacc	atgggttang	agctttcggn	gttccaacn	aataaaagtc	360
ggaagcttgg	nnggggggtc	anatcggggt	tttttttnt	ttnaaaan	ataaca	416

<210> 2654  
 <211> 135  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(135)  
 <223> n = A,T,C or G

<400> 2654	
ntcaangtca	gngtgtcngg ngatgaaaat tcttnttaaa aacggaggca agcangccga 60
nctaaggaaa	amgagctctg gttggatnng gaaaacanga aggggatntn gggataagga 120
aaaaagngna	gcggg 185

<210> 2655  
 <211> 422  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(422)  
 <223> n = A,T,C or G

<400> 2655	
tcgtgaacaa	cgagactctg ctcaatatca catcacgact ggttgacgtc cccctaacga 60
tcaccgatgg	cgatgtattc agcgaagtta tgcaaaagct actatttggg ggcggtgata 120
tcacactcga	catcaaggcc gaagtcgatg tcaagggtta aactgtcctc ggcattctga 180
cggtaaagaa	agttcccgcc ganggcaaga ttccagtaaa cggtcctgca tcgctgtggg 240
aatctcttgc	actccccacg aagacgaata atccttggtt acactttgaa atattttcat 300
aacacgcctc	acancggtat cganaattat tgctgactta acttaangat cccccgggta 360
cgncctggg	ttaacttaaa cctgaagggtc ggtganatca aantcctgga aacnacgaat 420
ca	422

<210> 2656  
 <211> 529  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(529)  
 <223> n = A,T,C or G

<400> 2656	
ggaatcttgg	tggtctcccg gatgtctggt acccgtaact cggctctcggg gtaactcaatt 60
actggetggt	tacttgcaga taaatgtttc caaattcaca ttccaggcat aatttgatga 120
tgtgatctgg	gtggcggaac tgcattttcc gtgtctcaac gaattctacga tgccctgggt 180
acctatctac	attgtgctac tcgtgaggtc gtggataaat atcccaactt ccccatgat 240
attalcattt	atctaaatcc agttttattc gacaacattc ccagttatca ctacgtcttc 300
aacatgtctg	tacaaatccc ctccacatcaa cggcgngnag tcgtcaagga tctqcccan 360
atgcaagggt	ttctgcaaga ccgtccccgt acctaaaaca ggccagccaa atttctgggt 420
aagtaaattg	gaccgggnot tgnngttaaa caatctcttn tcacgatgaa tggagtgatt 480
tggcgctcan	attgaaagga cntactgncg gatngcnggc acnaggaac 529

<210> 2657  
 <211> 614  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(614)  
 <223> n = A,T,C or G

<400> 2657  
 gggcaaggca aaacaattta cgactotgaa cgggaagagt gtggtaatca aggatgcgtt 60  
 catatacagc aacaaaggct ttaaaacgct tgcgcaagca cagctcctta acgacattgt 120  
 tttctaccca gacgtctttg agccgcgaca atggctcctc tactacatct caagacctct 180  
 cgtgggtatt tgggaagaaa tcaagatcgt tccgtcggtc ctcgttcctg gcgtacggaa 240  
 gcgcaggatt cccgaccaga aacagatacc aaacgcgcag tcgactgaaa ctgctgcgcc 300  
 tcggaagaag gatattagga gctttcaaga cctcttgaat aactttccca tgcctggcgg 360  
 ccaaatgcag cctgcctoga gaaactcttc atcgagttca acaatgtctt nccaagccgt 420  
 tctttcttcg cctcagccga cacattcctg acccccgggc gatgggccac caccaatgct 480  
 gcagacgagc ttgcncaaat agtnatcgcc acatgctgat gaagtagctt gccggtgacc 540  
 ganacttttc nccgggncat gaaattnatg aggcgtcctt gaaccgtntc aagtgnnttg 600  
 actttcangg ngaa 614

<210> 2658  
 <211> 380  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(380)  
 <223> n = A,T,C or G

<400> 2658  
 caggaatttt tttttttttt ttttttaggat aataattcat taattgatca cataacctcg 60  
 atctcttcat cctagcccta aactttgaag tcaaatcatg ctgcagcctt cttcttcttg 120  
 gccttcgect tcttcttget cctgtctctt ggcttcaggg ctgtcatgcc tgcccttgcc 180  
 gtttggtgcc ttgatgatga ggggtagcgg tttgcaggat tgatgtctgg tgatggttct 240  
 tcttctgagg gcttgggaat atcttgacct gtangtgagt cgcttttggc tcangtagat 300  
 ggaccatggt cctacccttg cgatgattga agagncacct acttgcgaaa aactatatgg 360  
 tnatatgtga gtggcatgt 380

<210> 2659  
 <211> 576  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(576)  
 <223> n = A,T,C or G

<400> 2659  
 gtgaaactag cacaggcaga tctggcgaaa gtcaagcgag actcgtgtga gatctgtgac 60  
 gtctcaatgg acgaatgcc acaagcttct caggacttca aaaagctcac gttcgatctc 120  
 tacaagggt tactggccat cctatagga cgaaggatgt tctcccaaca tctcttttgt 180  
 gcttttaast ggggaaggcat ccgttcagtc ggtttcttcc tggcagacgg aattagtaat 240  
 aagggtacg tcggaagatc caacactcca catatgcgcc atcaagtccc ttccgggaccg 300  
 accgatgac accgaccagc ttccattcgt tcttgcattc cgaaaatact tccacgagct 360  
 ccggaagagc aagaagcggg tacagacaaa aacccttcat gtcccgtga gcgaagtaga 420

atgccttaca	agatgggtaa	caaagggcat	cgncctgan	atthttccagg	ggngggagatg	480
gctaccatca	aacgaaggat	cgcttgcaan	aactatgtgg	ctcatnngga	tgataaatta	540
anaagagctg	gacttgtttn	gaattcaagc	aatttc			576

<210> 2660  
 <211> 503  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(503)  
 <223> n = A,T,C or G

<400> 2660	
caggaattttt	60
aaactacatc	120
tggaacuaat	180
tatttttttag	240
tggtcgagct	300
gaggaggccg	360
tcaaagggag	420
gtggtcacgg	480
gaacgaggct	503

<210> 2661  
 <211> 286  
 <212> DNA  
 <213> Fusarium venenatum

<400> 2661	
tgcagagaag	60
tttgcgacag	120
gctgcagcag	180
atggattatc	240
cactagccgt	286

<210> 2662  
 <211> 866  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(866)  
 <223> n = A,T,C or G

<400> 2662	
tgaacaaccc	60
ttgaccagag	120
ttatgggctc	180
ctgggacttg	240
tggggtcacg	300
cattgcctta	360
cttagaaaag	420
aagcatccgc	480
tccatattht	540
tttttgggag	600
tcaaggatca	660
agggcgctct	720



ggaagccggg atgaccacac attacactgc atcgattgtg cgaccgaang tcagtgtggt	780
agtattaagt atcatctcgt attttagcag aacatnacac aacgtttgag tcttgttnaa	840
aaatcatngt ctcanacnca ttcttc	866

<210> 2663  
 <211> 612  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(612)  
 <223> n = A,T,C or G

<400> 2663	
cttaaggagt gcttcaagtc cggagatget tgtccgttgt tttcgatggc agactcttgg	60
caaggtctca agaagaagtt cgtctcttct gtcggcgatc tcaaggagca gccaatgaac	120
gtgtatgtca acaacagcgt gtacggccta ctagactatc aaaagatctg gtaaggagcg	180
ctgttcccag tgctgtacaa gcctgagagg tggtaaatgt tcgccgagaa gatggaacag	240
cttctccgcg gtaacgcgac gccagctcta atggaatatg gacttgacgg tgaaggcaat	300
agtgaacgcg tctacactgt ttcgctgaat gatggactag cgggtcctga gcaactggcg	360
caggatctgg actctcttct ggagattgtc acgcctacct ttaaccgcag cgtttttgcc	420
ccagacgata tcgtttatct ctteggcaag cagcaatggc gcattcccaa agacacacaa	480
ctacgttcca cgtaacggtg tagagactgg ccactcctct ctcactctga caacatctta	540
cgaacctgtc tgtccctcgt ctcaactcga agcgcccttg ccgcgttcaa aagattccgc	600
cttgtcaggg tn	612

<210> 2664  
 <211> 592  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(592)  
 <223> n = A,T,C or G

<400> 2664	
ctagtatcta gtatctagta tctaactaca agacatctct ttccatttct tctttttctt	60
ccattttctc cttctctcta actagacttt ctgcttctgt cttcagcctc tcagttcttg	120
cctcagttcc aggcaagcct cgcggatagt ccgagcaaca aataccagtc aaagattcga	180
ctacaaaact caaaaactcca gtccgtgctg tcattttactg aaccactcta cggagaagac	240
cgtctgtcaat agccaccccg ccaaagccaa ttcacaatca ccactcatca ttgaccattg	300
atcacctaca agtactattc ctattcagaa gtgtcaatct tgggaggcaa taagagactg	360
gagctcttga tctacaaaaa gaaagcttaa ggctattctc tactcaactc aactcaactc	420
tacaaagacc aacctctcat tcttttacca gcaacgacca agccggcact atgatgcgag	480
gcgagatccc tttcangcac cggcaggcat ttgtcagcg acgacttgcc aaagaaccca	540
aggtcttcaa cgcaagctgg aacaaatggc tctaccactg gcggcctttg gt	592

<210> 2665  
 <211> 119  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(119)  
 <223> n = A,T,C or G

<400> 2665

ngaggatatg ggtttggggc caanggggat ggaattactn ttttnacccg ttttaaacct 60  
ccttngtntt ggggattatc aaagggttac ttcgaatacn caaacaaccc taatttcct 119

<210> 2666  
<211> 226  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(226)  
<223> n = A,T,C or G

<400> 2666  
ngggtgctcc ttaccaagtt caagctacac ttgaatggga gagtgctgag gtctttgaca 60  
aggtgctgc naacgaggtt gccaaaggaga tctttgggga catcaagaac ttttaccagg 120  
gagagccatt gcttctcaag ggtctctgtt ttgctcatga aagcgtttcg tcttctgaag 180  
aacatacact aatctgtgtg ngaaattaat acatogaate tgactc 206

<210> 2667  
<211> 393  
<212> DNA  
<213> Fusarium venenatum

<400> 2667  
cgaaacaggt caagggtact ggcaatttac tgtcatcaac cctggccgag ctatgctcaa 60  
tgttctgtgat gctcgtcacc cggagcgtca tttgacaatc ccccttattg ataatgtcga 120  
gtggagacta agtgacgtct ctgttgatct cttggaaaca gatggtatcc aagccttcga 180  
ctttgtgtcg ttcttgggaag ccgtcgagac aagggtgggt gctgagtggg ctgggtgggt 240  
ggaagaaggt gcctttatga cgaggtggca tgtgcaagat aacagcaagc gatggagata 300  
tgagagaaat ccaaaggcaa agaaagaaaa ggccagtaat tagatcaaat ttttattcaa 360  
atagcgtgtc aattaaacat gttaaagttc ata 393

<210> 2668  
<211> 596  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(596)  
<223> n = A,T,C or G

<400> 2668  
ggaacttctt ctgacctctg gctctactac ctattcagct cgcgcgcgcg gtcgggttgca 60  
gacaatatta tgcataccca ccgggaaaaag gcagcaaccc cgcaaagcgc tgtggctcgt 120  
ggcatgggtg cacaatacgg catcggtccc gccgttcagg aacgtctcac tccttttggt 180  
ctccgtcgtt gggaggtgct tagtgagcca actcccaatg tcggcgagaa tgatacaagt 240  
cttagcttgg gtctctttga agctatcaag cttcaataag attgtcaaga aggcacctta 300  
ctactattat cactctatta ttgatqccaa gatcccttgg cacaccactt tacatcgtgg 360  
ctactatacg aactatttct tacaccatca tcttctaac tctgtctgag ttcttttctt 420  
taaatctcat ggtatatacc ctgttaacgga actcanctg tttgcatcag cgataatgtg 480  
cactgcaaga cggatctttt tttttatcaa tgttcaatcn ggttacacan ggcacgttac 540  
aactaatggt ctctttgttc tcttttggtt tcggratttg ggcagttta ttatcn 596

<210> 2669  
<211> 924  
<212> DNA  
<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(924)

<223> n = A,T,C or G

<400> 2669

ctctccctca	agccaaaatt	ttgtttgcaca	cgctctttcta	ctaaattcct	tgaaactttt	60
ctcggcctca	gagtggaggcc	ggctctcaac	tctgcaacaa	tgttgttcac	aatgtgccaa	120
gcattatggt	tgcgccgccc	tgctcctgtc	tgccccgtgg	ctggcagatt	ccacctggca	180
atgggccttg	gataaccctt	tctcaatgcc	cgcggagaca	catgaaaata	cccgtggagg	240
atgtctcgcg	ggctcagaag	gggaatcagg	aatgggaggg	attttgcagg	catcatttct	300
tgtcaatctg	tcacccaagc	tcacagatga	tgcgcgatcg	tatcccccaa	tatggaatcc	360
cgcgcgtttt	gtcgaaggga	gtcaggatat	acaaacaatt	tctcattctg	atcagcctaa	420
tgagtcattt	tgcccagatt	tagtgccctaa	cgctcctcct	tccgtctcac	ctctcgtcga	480
acagggcctg	tcttttgacg	gtttcacctc	caattttaa	cctagagAAC	ctacaccac	540
ttcatcttgc	tcaaagccct	caaaatctgc	aaaactcctc	gaaagccatg	taagaaaacc	600
cgtatgaaca	tcaagagcgc	ttattcacaa	agtcacacgc	taacacgggt	gaggcaaggga	660
aatatcgta	gaaagaagat	ggaccgaatt	gcggaattgg	agcaggcttt	ggaaagcggg	720
taaagaggaa	aagaatgatt	tggagttaca	gcttgcggaag	aaggatgccc	gaagttaatt	780
ttttgagggg	aatgctgaga	aagtagtgta	tttaagggta	agccagccct	gagattcaag	840
angaaacaaa	gccatgacta	aaggctgatg	gaatattcta	gtattcgtac	actaatttga	900
gaaaactttg	agttttggaa	aaaa				924

<210> 2670

<211> 624

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(624)

<223> n = A,T,C or G

<400> 2670

cagtcaccag	tgaatcaatc	ctcgcaatcg	cgtcgacgtc	tctcgctact	cttccatttc	60
catcagctcg	cgactccttt	ttgncggatt	cgatttttgc	atacgccctta	tctatcaagt	120
caacaactca	tttccggggc	agcaccgcgc	tgagctgctg	tgccttaatt	tggacatacn	180
accgccccga	attaaatcgc	cgcgtcgcta	tgcctctga	ctgaaagtct	cttggtctca	240
tcaaccatcg	tccgtcgaa	gttatcgacg	agcgttttca	tttcttcttc	gacttatctc	300
gccgtgactc	cggggccgga	gtctcttcca	tgtctgtcat	gactactcga	ttggactctc	360
gc aaatcgct	tctagggggc	gacaacgggt	acggatacgg	ccactcgtac	aacaactnat	420
acgacaacag	ctacgcccc	tctnctgttc	catcgccgna	gcccctccct	naacctccgn	480
attccaggcc	gcggtgacca	acatacaacc	aaggtttccc	taccgggaag	gactcacttc	540
tntgttccct	ncacaaagta	lyaaaaacng	caagatccat	tccatgaana	ccgatggcgc	600
gcttgettea	tggntgttct	ctca				624

<210> 2671

<211> 624

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(624)

<223> n = A,T,C or G

<400> 2671

caaacacaat	ttagctggct	ctttgcacac	cgaacacggg	aaggacttgt	aaatcgattt	60
tggagatatt	aatcgcaaca	gaanggtggc	cacttctgc	agctattttc	atcctttgtg	120
tttgcnacac	ccggcctgtg	tgcccaggat	acaagctaca	acatcaccaa	atacgatntt	180

tntttgcgaa	ctttcaagta	tcgaccgatc	gaacttccca	ccatggcgcc	agaaacaccg	240
agagcagtct	cttcgagatt	gtcaccatg	aaattcatgc	aacgagccgt	ggcctcggan	300
aactcatctc	ccgcttcaga	aacacattca	tccaagaaga	gaaaaacgga	tcactcgtca	360
ccggcggggtc	gcctcgatct	gaacatcgat	caggctgcca	ttcangccgc	gctagatgcc	420
caanaaacia	aacgtcaaga	ggctctggan	aaacatgtcg	ggctgataca	cgttggtgtc	480
tgaataactc	attcgctggg	ncaaaagcta	ccaccaagca	aaaacacca	tgaatgtcgt	540
ttatgtgggt	atggggacat	tgctnttcta	acgattcagg	cgacaatgaa	aatgcgtttg	600
actggggggc	gtcctngana	aata				624

<210> 2672

<211> 178

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1) ... (178)

<223> n = A,T,C or G

<400> 2672

ntttattctt	ggataggctg	nactgaagaa	tgganattct	gatgangaat	caanatatcg	60
gacgtcnnag	ttttcnaagt	caatnccgnt	gtacggaatt	gagataccac	ttaatatgag	120
gatatgtcgt	cgagcggant	cctaaacagg	aggttccgac	nataccaaca	tgaggcct	178

<210> 2673

<211> 593

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1) ... (593)

<223> n = A,T,C or G

<400> 2673

gattcttctt	cacctatcaa	cgacacttta	cttcatcatt	caagcactca	ttaggcgcca	60
catcaaccaa	cctcaggcgc	tactgtctcat	caatctgcag	acctcaaaag	ggctctgatga	120
ccacgcgcac	cagacaatca	agagagaaaa	gaccaaacia	aaagagagaa	caaaaaccac	180
atcaggcacg	ggagggagtc	ttgctattat	tacttttatt	actggcgtgc	ttttatatatt	240
tctattcaac	ctgggcggga	catgcatgga	aggaaatacg	ggaaaccggg	gcattcaatg	300
ggaaaggaat	atcattttggg	atggaaaagg	aaacggcaaa	caaaccacac	tttttttttt	360
tcttttttct	tttttttttc	tactatacat	cacctactct	actatctctg	tactcgggca	420
tggggggcgt	ttattttacc	atcagtcttt	tcttcacgcg	gcaaggagga	caatgggtgn	480
actacaactt	gggacacaat	cagacacagg	actattacco	caaagattgg	aaaggatagg	540
ttgcatattg	tttggcgcca	agggaatgaa	atacaagatc	aatttggccg	gtt	593

<210> 2674

<211> 589

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1) ... (589)

<223> n = A,T,C or G

<400> 2674

caacgcagtg	tcaagttcac	aaacaagaaa	gatgtttagt	cattttctccg	agataatagc	60
ctcacacatg	gttgtcctcg	actcaaacag	caatggalac	agggatgtca	tcttaccact	120
agcataccac	gacgacaacc	tcgcacaagc	tgtgtctgtc	gtgtcagcgt	ttcacctcgg	180

tcagaaagac	cctaggttac	aacacgtcgc	cgaaacaggc	catcaagcaa	tcgtccagaa	240
actacggcgt	gattctctac	aactcagccc	ggagcagctt	ttcaatccgt	atatacctggc	300
cactatcttg	gtacttcttg	ttggggagac	gatcacaggg	agcggataat	tacacatata	360
ttctcgagat	gtngaattgt	ctcacgtcgt	atccgggatt	ggataacaat	gctgccgccg	420
agtttgaaag	acttctttct	tcagcaaata	aagatgtttc	aactcttttg	tgttccgcta	480
gccaacgaat	ccaaaggtct	acaagtactc	accggcccag	aagcatacct	agacttcata	540
ttcctatccc	gaactcccc	cagactcaga	gcacttacct	aatattgaa		589

<210> 2675

<211> 232

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(232)

<223> n = A, T, C or G

<400> 2675

ntttacngan	ctcctccnaa	atgnagagtg	gtgggtggtac	tggnnataat	ggcctcaggg	60
naaatnaacc	cttgctatan	tttggttggtg	aaaggntatn	aattgatagn	aggattccaa	120
ancctncagt	angtcnatga	tgccatacac	gcgananaaa	aaaactatgt	ctaggtcngg	180
aaggantnga	agaggncogn	agganacett	gtcccatgtc	actaaagcca	tg	232

<210> 2676

<211> 620

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(620)

<223> n = A, T, C or G

<400> 2676

ctccaatctt	ggtactctcg	tctgccaaagc	ttgtggtcgt	cgtgtaggcg	aacagcccgt	60
gggaacttca	cottgcctcg	ctatctgcgg	caaatacgtc	tcgcgcgtca	ctggcacccg	120
cgtcagcgg	gaatgcggcg	tctgcagcga	agcaaaggag	cacaggaccc	aactcaccac	180
gaggctcaac	cgtgctttta	gcaagtgcgc	cattgcggca	ttatcccaat	tcattagacc	240
ataccctccc	aagccatcta	tctgcaagg	atctcacttt	gctacgacat	acaatgcaag	300
ggtgacatca	aggtctctatg	aactagaatt	gaggtaaatg	gtctggcttg	ggacgcggct	360
tcacacgat	ttatatccgt	tcgaaagccg	acactcatac	aaagagacca	taccgcacac	420
tagttttttc	ttatctgggt	ccctttcacg	ctttacgact	catgctctta	cgatatgcac	480
ggcggcgttc	atggcatatg	cttacttttg	cccttttggt	tgcaactttg	gatggagtat	540
ggagganaag	tctgcgaacc	caacngtggg	aacaagtgtg	caacactggc	tcacaatttt	600
taaaattttc	tttacnatac					620

<210> 2677

<211> 187

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(187)

<223> n = A, T, C or G

<400> 2677

ccagcaaaaac	cgagtagctc	gacgggcccc	aattgatgct	gtttaagaga	cgagtggctn	60
tttcaataat	gggactcccn	tttggacccc	ccccacaaa	tncttctgct	acaacagntg	120

gacatatccc gncagcaacg ggccatatcc cacctttatg gctttgacaa ctccatcctc 180  
ccatcat 187

<210> 2678  
<211> 115  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(115)  
<223> n = A,T,C or G

<400> 2678  
ngacattnan gaaatgcgtn ntttgtctct tccattgaca angnggattc cgangnggcg 60  
aagnaaatta aattctgngc cgttctgcnn tccgtcgaga gngcctanat agccc 115

<210> 2679  
<211> 267  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(267)  
<223> n = A,T,C or G

<400> 2679  
nnacatcccg ctgcaccttt tcgcctgtag ngctctntggt gatctcggca gcctttatgc 60  
cgccagccgn gaggacacaa aagtgatttg tcttgaactg ttcgatctgg ttaanaaca 120  
tgtggaacga gttgccttct cctccacact aaanattcgg nggtanatct gcttgctctt 180  
gaaagcctgg atcttgctat catacttggc aaagacaatt ccgtccttcc caagagactc 240  
ggaaccttcc ggtgnagttg gggaaaaa 267

<210> 2680  
<211> 590  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(590)  
<223> n = A,T,C or G

<400> 2680  
aaaggaacaa ggcagcctcc caggtaatga gtgctatggt ggatggcggc agaaaatcac 60  
aggtttctgga tgctcctggt ccagagcggg atacaactag agactcctgg ctgcccgatc 120  
ctcttgctgg ccaccgagca tcattcattg ccttgacatc tgatgagctc agggaaactag 180  
gtcaacagcc agatccagct cgttctttgc attcggatca ggatgtcgcc cctgttgtgc 240  
aacctgaagc cactgcgat tcgtcagttg agacactgag gcgtcctcaa aagctgtctc 300  
ggaaggaacaa agacgaagca aagtcgaqaa tctcaaatll gccaccccaa ctgagagcaa 360  
gtgctttctt tgatctccct gacaacacgc agccggatat cgaagtcaag gacggatcgg 420  
cgatggccac tctggaaaagt atcctggacc ttccggcaat gccctgtgca gtgcattcac 480  
cgatcatgaa cgtgcgggca ggctcggaaa anaagtctac ggcaanaaaa aaaaacgcac 540  
gtcggttctg ggtctacccg ctcttcaacc tgagcctgac aagaaacatg 590

<210> 2681  
<211> 434  
<212> DNA  
<213> Fusarium venenatum

```

<220>
<221> misc_feature
<222> (1)...(434)
<223> n = A,T,C or G

<400> 2681
ccaatgagca aatctccagc gctgggtctg ctattgggtga ctcttggaac agtgttattg      60
agcaaatacag tggccaggtc tatggcgagc caacacaaat tgccctgtac gancacgtct      120
gggggtgatgc tggttcctac gcttccaagg ctaccgacgc tgcttctgat aaggcttctc      180
ttgcctctga agcagctgcg gcatcagcca tcaccgcctc cgccgaggcc atgaagcagt      240
acgaagcagt aagcgggtct gtctctgagc tcatcagtgg caaggacctt ctttctactga      300
cagcgttctg tctcgattcc aagcagctta cgctaccgcc gctgccaatg ccgaaagcct      360
caggaccaag ccaacgaaac tgccctcatc gttggcgaaac gggttngcag cgcaactacg      420
gtgctaccga agcc                                         434

```

```

<210> 2682
<211> 565
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(565)
<223> n = A,T,C or G

<400> 2682
caaatatgtg agtagttttc tcattaggtc aatgccgtcc ggctcatatt ctatggaaac      60
ccctcgcccc gaatatttta caagccatgt ccctctccac ctttcaaaaa gacatattca      120
atatacaacg cccaacgaat aaaatgatcg accatcactc agccgaagga caatcaaaga      180
gaagaagcaa cagcttcttt tatggcttga cagaccataa gtctcgggac caaccaact      240
ctcgtaacct cttgctactg gtaccagtea ctctctctc accagtagtg ctaatagcca      300
gtgccttgct gcaagcgcca aatacctcca ccaattcctt cattcgtcta gcttccacga      360
atgctgtgga gagatccgag tcacgctctg caataatgga ggcgagctcc atgcattcca      420
aaaggggtgc cctagacaag ccagtaacctg cgaagtgcag cgtaccgat gtatgccaga      480
actgtctcgg agagatacgc ctggcggaaga tctcgtagtt cttgatcgcc ttinctaatg      540
cccactaaaa gccagccctt tgagc                                         565

```

```

<210> 2683
<211> 556
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(556)
<223> n = A,T,C or G

<400> 2683
nctccagaca taaccagttt accgaaggaa attcaacaaa attatcaaag ctcaccacaa      60
tgataactgg actagagcct tagcaattan tcccgacacc ctctcgcggt cgtlaaccac      120
tatgaggatc tattttggga aaacacgacc aagctggacn acgttgaccg tgagataatt      180
gnagtctgta gtcagccatg ccaacgggtg ggtttttgtn aaacacatna cagcctgggt      240
ctnctcggtg cgtataggcaa aggataccgt ggcaaaagggtg aaaagccaag aagattgcac      300
tggattggca ccttcgtggc gagacttgag cgataaaagca caagactttt ggcggcattt      360
tggaaacttc tggctttcaa gccacgggaa gtggggaaag cagcagttga atgaattaaa      420
ggagtgtcga taacagggag aacangattn gtggagatta tagaggnagc tgggggtggt      480
gcacatncca ataggctcat gatccgtcag gtggttgaga tnagatgata agantctong      540
aattagaaga gtgtca                                         556

```

<210> 2684  
 <211> 609  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(609)  
 <223> n = A,T,C or G

<400> 2684  
 gcttctgata gttgattctg gcttgaaaca ccaccaacct ggacgcagct ggtaacgtca 60  
 agtcttttgag gtaataatct gagcctactg cagcaacatg tttcttcgat tcggatcctc 120  
 cagtgtcgtg gccgcctcgt aaggctcttc ttatccgcta tctgctggat gatcctgacc 180  
 atcctgacca caagacccca acatatacaa cgtcgatggt gaacatacca ttcaagccaa 240  
 atactggaac acatgaaata agagcgcccg gttcttacct tttggtcact atccagctcc 300  
 ctqaagttag ggctgcctgg gcaatgtttg tatgaacatt ggcttatatg tcctcttcgt 360  
 atggctacaa tgtctccttg gccaaagtga cccgagctgc catttggttg ccaattttct 420  
 ctctgaggac aggtgtttgt tcttgggaaat tgctctgttt caaccaccca acgactggta 480  
 taggcattgt tgtcaatatg gagcccgatc ttattcgtca ccaggaattc tttaccagtn 540  
 caatcccgca ccattggaggn tgatctgaac atatgctttt tcgaatccca atgcttaacc 600  
 ctntcgtct 609

<210> 2685  
 <211> 665  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(665)  
 <223> n = A,T,C or G

<400> 2685  
 gacgcattcta tgttccggta cggcatcaga tgggctgggt gatgtggctt cgtctcggaa 60  
 cttggggagaa gactccagaa ggaagactag cacaactgaa aaagataaag gacgggttca 120  
 aaaatgcgtg gatgacggcc acagctacag acctgaatc cgtgctgga tatcgtgctc 180  
 gattctcctc cgtcaatctg ggtttccctt tactgggtgt tccaaatcct gaaaacctta 240  
 tccgtcgatt aaattggcag acgggccagg tgtacacact ctttcagagc cttgttgaca 300  
 aaatcaacaa tgaacgtct caagatcccg cagggatgga agtcatgaaa acacgtccag 360  
 ggccgggatga tactcgctac gtcgagatgg gagagaatcc atttggcctg ttcaccactt 420  
 acatttctatg tgaagaattc aacaagtaca tgaaaagcct tgaagtctg aggggatatg 480  
 agatccagag tctnaagang cangacgcgc accgngctat tnaaacngcc cccagccagg 540  
 naatgtctac ttgttgaact tgacctancc atggagcccg tttattntgn agggonaaaa 600  
 aanttaccoc caggnccaaa cggccttttt tgtgtntttg gaaaaatngg aaacccaaaa 660  
 aggga 665

<210> 2686  
 <211> 400  
 <212> DNA  
 <213> Fusarium venenatum

<400> 2686  
 ttgttcagaa tcttccgtaa gatgtctatc gttgtctaca aggatgatgg tgagcaggac 60  
 cgtctctact cgtatcccca gctcttcoga gatgaagcat ctgagccccc cgactcgatg 120  
 tttcttgaag tttaatgata taaaacaaaa gggaaacata aagagggaac aggaactcatt 180  
 actgttttcc aaactgcttc gggcaatggc aaagcccacc gtaaaaggcca gaaggcagga 240  
 taaatctaag cacaactgat ctgagtatgg ttttgagaac ttcactatcc ttgggaatga 300  
 ttatagtcca gtgtataaga agcttaagct tggcggtcat ccggaccccc tgagatagct 360  
 atttgatata gctaacatga gataagaatc gaaacctgaa 400



<210> 2687  
 <211> 635  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(635)  
 <223> n = A,T,C or G

```
<400> 2687
gagctgtctc gctcttggtt cctaattctt tgtccgctct gtctctgtcc tcgcaataat      60
ggccgaaaacc gcaacttctc ctgcccctgc ggcagaaaac aagcaggctc atgtccgtcc      120
tactaaacct gacgaggaga tctttaagaa ggagctcgca aaggctgaga aggagcacia      180
ggcttcaatg gaccgcctgg ctgctgtgaa agctaagatt gatattgcta tgcccaacaa      240
gaacaaggac cagcccaacc ctaccagca acgacgacaa gagctcattg ctgagccaa      300
cgagattcga cagaagcagg ccggcggaaa gaacgcccgc actggaaagc tcgatcagat      360
caagcgcctt gatgagcagg tccgaagccg aattgccgag cagaagacag caaagccaag      420
gttccctaca agagccttga ggatgtcgac cgccagattg cactcttgac aagcaggtca      480
actccggtnc atgaacttnc gacgagaaga aggcccttca gacatctnta gcctccgaag      540
atcgcaagac ttnggcagtc aggatctnga agcagatgat gacctccggc cagacaagng      600
ataaggatgc atggcnancc gacacgtgcc ttttn                                     635
```

<210> 2688  
 <211> 634  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(634)  
 <223> n = A,T,C or G

```
<400> 2688
cgcattgtgt gatcccgtgg gttgatcaac gtgtcgggca cgtgtccttt atgtcgttat      60
gatttacgac caggcaaggg cgtgcgcct gaagaagggg ctgctgacga ttccagttca      120
ttgccaccac ccttggtgtt ggaagagggt gcaaanaatg atgcacctca gtcacgcgat      180
cgtaaccgac tatctcgctt atttgatata aaccgccttc gagangggac cgtggaagaa      240
caaatggatg cgttgaggcg catgcggacg gtagctaata agaattgatca ccaagaaagg      300
gcangcgtgg ctgaagccgc tgatggagat tcccagggcc aaagtgcacg atttgcgga      360
aggctgaggg ataagtttct aattcncact cnagcacaag ccatggagaa cgaanatgac      420
cagcgggaca ctaggggagc cgaatgaagg ctnatggcgc anattgcgtt gggagatcta      480
tatcaactgg gatcgctttt aaggetgaga ccgcagatcg gctgatcgaa gcttcaaatg      540
atgangggng catntactca agtttncctt gccaaaccgt ggatggaaga taaaatgttc      600
caacctcgcc tttggaattg angaatgatg ggnt                                     634
```

<210> 2689  
 <211> 593  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(593)  
 <223> n = A,T,C or G

```
<400> 2689
cgccaaaagc ggacacacaa tgacaaagga taaactcaaa gtcaactaat ccacctggcg      50
agaggtaaat aagggcctca gtctcaaacn aanaaattca tgggctggat gatgctaaac      120
```

gatcatgata	cactctcaag	tctgaagcac	aaataacata	atgacttctc	ccaccaaaaa	180
agccgctcan	ccccagcacg	ctgcaacctc	tgaccgctgg	aactcatctt	caaccggcca	240
tcaacgggtcc	gagtcacgtc	ctggcaactgg	ctggcgctgag	tcccgcaacc	ggaagctcaa	300
cagccagttt	cgcagcgggt	catcaggcgg	ngaacgtctc	agtgaacat	atggcgctgg	360
gtcggaggac	tatggtgagg	agcgcaaggt	gcttgcccc	aaggtagaaa	aagagagagc	420
gcagcggagc	gtgaggnata	tgcttgcccc	gocgggcaac	atgcgggaag	agtttgggct	480
tgaaggatgt	tattcagggg	cgagggtgagg	aggctctcat	ggaagcaaga	cggaaggaag	540
acnaagcgcg	ggangcagng	cttccaaana	aggcatnttt	gacggagctt	gtc	593

<210> 2690

<211> 377

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(377)

<223> n = A,T,C or G

<400> 2690

gcaggagcag	cagtgttgcc	agcaacctca	ggggcagggg	cgacaaaagta	gtcagccatc	60
tctgaatcga	gttcctcttg	agtcttcttt	gcaggacgac	tgctacgacc	gcggcgcttc	120
ttgttggcag	cgcctcttcg	ggctcccttg	gcggcaccgg	cggtgtgctt	gtcagcagca	180
gcggacttgg	ggtgagcctt	ggcctgggac	ttgggctgac	tattgcgttg	ttagaggtat	240
tcgcgtatga	agatacaata	acttacgaag	tacgctcagc	gagggctctg	gcagcaggaa	300
tgactttgtc	agcctgagca	gccccgacga	cgatctcaat	ctagtctctg	tagctatcga	360
aaagttcaga	cgcen					377

<210> 2691

<211> 620

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(620)

<223> n = A,T,C or G

<400> 2691

actcaagatt	ccacatgctc	ttcgccaaca	acccatctng	gtaaccctng	atggcaaaaa	60
catattttta	tcttcgcac	tcttgtctta	cttattcatt	ttcttgacgc	ataccatgcc	120
caagctctcg	tcgctctcgt	tcccgttgtc	ttactgattc	ataacgatta	tgtgaacttc	180
ctcaacttag	gcccgtggg	tacaccttca	acctttgctg	gctaccttcg	tatatcatgg	240
tttcgcattn	qggctctcag	aaacccatac	gatgcaccag	aacctgatcc	tctgcgcctc	300
ccaacgtnag	gcatectccg	cgcgaacgac	tcccataccg	cgcagggtcca	cgcctactg	360
ttgntggaat	cgtctctcaa	cgacaactcg	accagnatgg	atctccgaat	gctatcgatc	420
tgtecgatgg	ccatggcaaa	gctggcaagt	cataacccaa	aaaagttccg	cactganaag	480
noctgcgttg	aaaaacatgg	cttaacattg	gtcgtanac	attctgtaca	aacaagctgg	540
gagggngaga	tctgcccatt	natgaatnaa	acactntntg	ccatgtgtct	gcccctgatg	600
atatcaaaaa	gggctaaaaa					620

<210> 2692

<211> 589

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(589)

<223> n = A,T,C or G

```

<400> 2692
aagagacgac attagactca gtactgatac tcacaatcaa ctccgcgaaa gaagcacata      60
ttcaactgaa actcatcatg gctgaagcct aacaagttaa tctcgcttc accacctagc      120
gaaanagccg ggtactctgc ttgtggaaaa ccgaacgtct tctcgtagca cgataccatc      180
tctcagatgc acatgtacta gcgagtgcgg ccaacaataa agccattgct gccaaacttac      240
gcaacacatt cccatcaccc tatactctcg aaaatgctca gaactttctt gtcaacatgg      300
cctgcaagcc tgacggaaca tcttatecgt accacaaagg catctttctc aaacccaaca      360
cagccgaaaa cccatcgacg gagccccctc tcatcggcgc tataggcgca atgccccaaa      420
acgatatgta cttccgtacg tggganatan gctactggct ggctgaaccg gcttggggca      480
aaggctatat gccagaagct gcaaaggcat tcatacgggtg gtgctttcag acntggccga      540
cttgaacaga attgaagcag tggtcaaaag ctcaaagtct gcgggggtct      589

```

```

<210> 2693
<211> 133
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(133)
<223> n = A,T,C or G

```

```

<400> 2693
naatgnctct tnttanaaca anaatthtgn gaagtntttg nttttccgng aggccaagng      60
ggctncactt gntacggatt tttcaatggn ggaaacaang ncttgtttgt gttanggaaa      120
aaagnaggct ttt                                     133

```

```

<210> 2694
<211> 105
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(105)
<223> n = A,T,C or G

```

```

<400> 2694
nccnagaca agccctacct tcaactctctt atggaaaang tggctcgtnt ncatcgcttt      60
tatgatcnag ctcgactcca tcgctgtttc tcgaaagcnc taaat                             105

```

```

<210> 2695
<211> 363
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(363)
<223> n = A,T,C or G

```

```

<400> 2695
cggggatctt tgogatgagc tgtataaact tgatgtttac gattctacca cqaaaaacact      60
ccatggggag cttttggcaa agttgggtgga tctttgcgtt gtgttgacag acgttttgtc      120
gggtgtttct qttctttaca ataatccgtc atggatgctt tcqqqaaqga tggaggtggc      180
taaggatgag agttctgtgc agattgagtt gaagaggtgg tataacgcgt ggaccgagac      240
taaagcaact cttgaggaga gaatgacgga agatgggtca canaccgagt ctattattct      300
gtcaagaatc tcatcgagat gtattatcac tctgctcggt tatcggtctg ccaactacaat      360
atc                                     363

```

<210> 2696  
 <211> 512  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(512)  
 <223> n = A,T,C or G

```
<400> 2696
nggaatnggc ttcttgactt tctctccca gatccaaaat aagacaatat attnccctgt      60
ctttgaatct ctcgattcat tncccgcccc atnaaaatng ggccctcgg ctcttctttg      120
ccctccagtat aaaacttttt tctctcttt gcgcctggct ngggatacac atacttcctt      180
caacctataa ctaaccqctt tcttgcaaaa ctgcaggcat attccaattc ctacatcttg      240
atcaaacatc atcagcaaaa tagttttctta gctaaaaggct caccacgtct tttgtcacia      300
tggttcacag gcatcacgag tctgcgggtgc cggcagtgat cctgtttccg cacgggtcctg      360
tggacagcga ctntgancaa atctcaaacg anccatttgc ttatgctact gntnaagaac      420
ccccatntt cagccatgga acacgtncan atgattccta cnccgaggga tgggggtttac      480
tgggggcenac cttgctttgg caaaagcgct nt                               512
```

<210> 2697  
 <211> 571  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(571)  
 <223> n = A,T,C or G

```
<400> 2697
gtcatcatca acgaagaaga tcgacacaag ttttgggaca ctactcctac cggcaaccag      60
atcatggtca gccatacctc gatcatggac acccttgaca agatcgtcta cggccccaac      120
ccaatttctc ccaagtacac cattanctct ttgcgcaaagt ttttctttga catcaagatg      180
aactttgtcg accacccatt cttgtccatn gcctttgtct ttgctgtngg ttttggcctc      240
tactctnggt tccgtaaccg cactcgacga tctcgcggac tttcttcggg gacgataaca      300
tggggtctcaa ggaaggacac ctgggggtcan aatagcaacg ccaagtccga ttaaaagaat      360
cgattcttgt aagagcggag tcgngtcact cactactaaa aagatcaact nttaangggg      420
tttctgggga cnggtcgcac tangatgttt nggcaagtgt tgttgaattg cggagtctctg      480
gttngataac tattgctttg aaattgggtg ccnttgtata gtaaaacaag ttacagnag      540
aatgtanttg catttgngng gaaaaaaaaa a                               571
```

<210> 2698  
 <211> 611  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(611)  
 <223> n = A,T,C or G

```
<400> 2698
tgaaaagatc daagatattc gtgtccgata ttctgaaca atggagaaca gagcaaggcac      60
ctccaagccc aaggaagatg aagtagatga acttgacag ttgtccbagt ccatttttcag      120
cgtgagcaat gtgcggcgca acacccaaaa caatgcgttc ccaacaatgg aaagcacaag      180
atcgcaagtc cgtctcctc ctgcacaccc actgaatcga ccccgccgaa caaacagtgc      240
tggtttctcgt cactcagtcac acagtctgcc tcggagtggg cgcacccatc gtgcttcacg      300
```

gagttcaaaag	gactttgcag	agtgggatgc	tgatatgaat	agaggcgaca	cctcccgaat	360
tagtcgcagt	cgaagcagct	ccctgcgctt	gcaagcatcc	aaatactctg	taaagtcggc	420
cgccaatgac	accgactcga	gaatctgcag	agtttcctcg	catgagtacg	aatactgngg	480
ataaggaccc	gattgtccaa	aacaaaatcg	angagagtgt	ntctctccaa	aaagaaggaa	540
naaacctga	ntcgggcaaa	ccaaactnga	tntgcgaaaa	gcccttccaa	aangctttna	600
aaaatgacca	a					611

<210> 2699  
 <211> 574  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1) ... (574)  
 <223> n = A,T,C or G

<400> 2699						
cgcaggaatt	tttttttttt	tttttttttt	ttingcgtgtc	tcattgcggat	agatgtgttg	60
tgaagggttt	gctgagacta	tgaatgcatt	aaaaaacgaa	cccaaaggaa	ttgatcaagt	120
gtctggtaga	gttgagtgc	gctttttttt	gcgctgtgct	gcgaccgccc	caagcatatg	180
tcgtcgtcgt	cgctcgtcgt	gtcgtcctta	tctcccccca	ccaccacggg	attgccatac	240
tgtctgtctc	atgaccaata	ctcttggttc	cgagattagc	ctcaccgaat	gcatacaagt	300
gctgtcacga	acaatcctcg	ctctgcctca	aggtctccta	gtgttcctcc	tcctgcangg	360
tcttggcagc	aatatgtatg	accagcaaat	actgatcatg	ctgcgtanac	ggctctctct	420
aataaagcgc	tcgaacaatt	tgtatctcga	gcttattcaa	ctttcttgaa	anctggggat	480
ggggtagggg	gctcattaag	cgantcngtc	tcctcaggga	acngggggaa	gggtgctttc	540
tggcttgaa	ncaccaaatt	tcttctcgaa	atcc			574

<210> 2700  
 <211> 777  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1) ... (777)  
 <223> n = A,T,C or G

<400> 2700						
tttggtagg	aggaagagct	tttaaacc	aaactgctat	ttctttctga	tgaggcttat	60
tcacaataag	acagtgtttc	acgatcaaa	ggacctatag	taacaagaaa	cacgcagata	120
tcgatactca	tacctctctc	acaataata	ccgcgattgc	aaatctttct	gccaggcttg	180
acaaatccag	tgaccttgca	tctctctcgg	ctgcctctcg	cagcttattc	atcaaaaatcc	240
taacaatgtc	gtctttctgt	ccaatcaact	caggattggc	ttggttgcaa	cgattgaccg	300
cccaaaacta	ttgactagtt	tgtcgaaact	ttgaagtgc	tcgtctagt	gaatatcact	360
aggtttactg	ccatcatgta	ggtcttaaga	aaatcccatn	cttggcactg	agttcgtggc	420
gggtagacca	ttgaacngga	tacaatgaaa	caatggccgg	gtcgtccaag	catgacgagg	480
tggcatattc	gogngcgtaa	gttgctgcct	ntgagtggac	cgagcaagca	cattttnttt	540
aaattttta	aaqaaccqta	ctttgtgccc	aacgtntcgg	atttctgaaa	ctggcatatg	600
gnacggnccc	ccggtttaan	aaacttggcg	tgnltccaaa	atltgnatlt	aaacaatgaa	660
cccaanggct	gtggataaat	ccncaaaaa	gatcaaacat	natnttgaaa	ttttaacata	720
aatntntnt	acaattgana	nccggttttg	agacccccaa	ttggttaacc	ttttgaa	777

<210> 2701  
 <211> 122  
 <212> DNA  
 <213> Fusarium venenatum

<220>

<221> misc\_feature  
 <222> (1)...(122)  
 <223> n = A,T,C or G

<400> 2701  
 ntncaatgca cggngcantic ttgantttcta actacacaat ctttagaggt cgggcgaggt 60  
 cagttctttt cnatggccca aaaatngcaa ggggtgcttcc agtncnttaa atgaaaccg 120  
 ga 122

<210> 2702  
 <211> 332  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> 1... (332)  
 <223> n = A,T,C or G

<400> 2702  
 natacacaag gacgatacac gaagaaagca acacggggcga aaatcccaac gaaccggngg 60  
 gcccttgng aaacgactgc gggatccaaa ctctggccaa caggaatgaa cgctncgcga 120  
 agcactttct agacgaaata aagaatcaat ttagaggaaa gccgccgact ttcgggacgac 180  
 aagactagaa aggaaaatga tgcgacacga cgaagangga tngaattgat tacganggta 240  
 tgataccccc tgaataaccg aacgaanact ccggtctcga tataaaaatac gaaacagaat 300  
 acaaggggga aagatgggca cnggcctttt ac 332

<210> 2703  
 <211> 572  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(572)  
 <223> n = A,T,C or G

<400> 2703  
 gtgcgaggcg ctggtggggc tggcatccaa tctatacctc agaagccctt ttctcaattc 60  
 tgggtttctc ccttggcgaa ctgaattatg gtgcggaatc ctttggtgct agaactcgaa 120  
 ntgggtgcgc aattttgaatt ccttccctcc aggcctggaa gatgccgaaa tcttgccatt 180  
 gacccacagg gtttcaactc atcgccctaca aaagtgggaag aagcgcagca tgtctcattt 240  
 ccaccaaatg atctttctacc ttctctcatg tacctcaggt agcccaagac cgcgacttcc 300  
 tgatggctct agtaacggcc taccttctgg cggctctttc gacactgaac ctcatatcac 360  
 gtgcggaactg aatgccatct cnaaaaaatat ccagagatcc tggatctcag gcgccaatat 420  
 gtctcacttt ctaaccaggg cccngacgat aaccgagana tgatcaaaat tgggaaatct 480  
 atccccccca cctgaaccgg cgtggggaca tcttcaaaac aggcaacaag cnccccgaac 540  
 atgtgcgggc cnggaaaatc tggtncaatg ga 572

<210> 2704  
 <211> 597  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(597)  
 <223> n = A,T,C or G

<400> 2704

accgaggtgg	acattttctcg	cacaactcgc	actcgatcac	agagccagga	gcgacgatct	60
gacttccgcg	acgatgagct	tgtggttcga	cgagaatccg	attcccgtcg	ccgagcgcat	120
tctgctgctc	ctctgcccac	acctagtgtc	gttgatgaag	agggcgacta	ccttaccgga	180
aagattgact	ctcgaggcaa	aatgggtgag	gcctgggggtg	gtgccaccaa	ggactggact	240
ctcgtggatg	ttcctccagg	cactgagcgc	atccgtatgg	atggaatcgg	cgggtggcagc	300
actgagacac	agtggacgag	gtacagcgga	ccaggaagag	caagttcatc	cccagagagag	360
atggccagcc	ttttcacttc	tgtgcattcc	caaacctgct	ttanggaacc	tttcttccca	420
accgtgacgt	gacacacaat	gacgtgtaat	cnegaccgta	gcggaatcgc	cattggagac	480
tcacggtttt	gacctgtctc	accaccaagg	ntttggcccg	nacctagga	ctgtttccgg	540
aggtnttgna	cttggtccaa	ttagggccag	gatttctttt	cangctttaa	ttgaaga	597

<210> 2705

<211> 727

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(727)

<223> n = A,T,C or G

<400> 2705

cctgataccc	tttttgtgta	tttattttca	tttgcctctc	tcaagcttgg	catactcttt	60
ggtctgggtc	ggcatctacc	gttttgtacc	ttgtatttac	gagacagacc	tcaccaacac	120
caaggtggcc	agacacttga	actcatataa	cgccagagag	aagcttaatt	taaccgcccg	180
ccgccgctaa	ccctctccat	catgggagtc	ggttcatttc	ttgaacctct	cgctcgtggtg	240
acccttctct	ttggaggcgc	ctacttcaac	cgcagtaagg	actacaactt	ctggaccaac	300
aagtcagget	tcgccagcct	caagagctat	aagcgttccg	atgacctacc	gaaacgagac	360
tgcaccgaga	gttttcatga	gtggatggag	tggttcgcgt	tcgccgaatt	tggcttccag	420
aagaataccc	agccgagctc	gcgttgtcgc	aggttgcaag	tggtaagggt	caagcgcatt	480
ggttntacgc	caaacacaca	agtntttgag	aatggctcta	agtgactttt	gaagaacttc	540
ccttttgggt	gagggtggga	ctgggtcctc	attactttgg	ataccaggtg	ggcggccatt	600
aatgcttgat	tttgaagaag	gcaccgtgat	taacttggca	catgcttttt	aaatggtnat	660
tttgaaaagg	cctttttttt	tttggagggg	attttaaaaa	ggtcttggnc	aacaacnatt	720
tttatgg						727

<210> 2706

<211> 781

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(781)

<223> n = A,T,C or G

<400> 2706

tctgagtaat	cctcagcctc	tggacccttg	tactcaggat	tactcanaag	ccgaggcggc	60
atgcaaggcc	aacttgtgaa	gacgacaaac	gcaatcagat	tgcacatggc	catggttcgt	120
cgaagagctt	catacaaaag	aggaccagca	gtcacattat	cggagccgac	gcgaccagca	180
gnaagcgacc	ggtggcnagt	ggttgtgaag	tagtacagca	ccacgaggaa	catgatagtc	240
caggaatatn	ggatgaaaag	ataaatgccc	gttgatccag	tgaanaatcg	ttggctcgtgc	300
aagguaacat	tttngaaaat	cgacctccca	gaagatatga	aggcgctggg	cgagatgaac	360
gattttgaaaa	gcctgtccgac	gagctacatc	aacgggtgcc	ttatcnanag	tcaaggcagc	420
gatggggcgc	ggcaactcgt	atacaaaaag	anatgaggga	cnatcccaacc	tcgaccaaaa	480
aagggggaact	ttttttaaag	tgcgttaagg	aacnattctc	aaaganttgt	gtgttttggcg	540
taaaaaacat	ggcgccttgg	gcctaaccct	tgcaacttgn	gacgacccaa	anttcgggttg	600
ggtatttttt	ttgggagtta	aaaattnggg	gaaaggcgaa	ccattccatc	cacttattaa	660
acttttgggt	cgagtttngt	ttgggttaggt	attnggaccc	ttattgcttt	tgagggtngca	720
aacctggatt	gntggcccaa	aanttgagcc	ttatgggggt	gaatnaggcc	ctccaanagg	780

<210> 2707  
 <211> 702  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(702)  
 <223> n = A,T,C or G

```
<400> 2707
cttttcacgg gtcattgggca cgaacctggg tttaaaacac gcaaaaagca aaaaacccat      60
nttcggtnn tttaaaggga gaaagttttn taatnttaan gaggctctca accaaagctt      120
tcaccaatta agcataaacc ttttttactt caacttccgg taacccaaac acaaccttta      180
caacatccat catgggctgg ttcagnggrr tgcataatcg tttatgctta tcagtttggtt      240
tcctatccct tcagaggcct caaaccaagc tcaagggtag gagacagtga ctcaacgtcc      300
tcattaggca gagtgggtccc ccnaacttta tagngggagt tgcagcctac gaggctgccca      360
aggcctatta aaaccatggt gctcggaatg gagagcctga tagccacgct caagcaaagg      420
agatcttggc aggtttttgtt ggngeccttg ttgatcgaga gattgacacg aagggattgn      480
attacgtcga cgcanaanaag gccaaagcgt atggaaggca acatgcaaaa gaggcattga      540
gctacaacaa caaccagggg tggaactaaa accatgctga gaaaataaaa cttaactttg      600
ttattcttcc acnaggcttt taagggggaa tnttctctgg ggccgttnga gcttgcattc      660
atagggtctt ntccccctnt ttgagttggt taccttcact gc                          702
```

<210> 2708  
 <211> 650  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(650)  
 <223> n = A,T,C or G

```
<400> 2708
caagccctcg tcacgccgcc gcctgtcgaa tcagaggatg agcctatgac tcctccaatg      60
atgcgaacga gtggatatga ctgggatgca cagcccgag attttgacga taatgatttc      120
ttcaggact agtgtaaaca aggtttctct actttgggtc aggagacgca tatcatgact      180
tattataatc tatatttctt ttgtcagaac accaaaaaac ggctgatgca taaatatttg      240
cgtgcacat tattataaca agtttcaccg agactgcgaa cctagaaaga tcccccttt      300
tggattcatg tttatgccac agattgggat ttgtttgtct tttatttcca tcaagtcttc      360
tttgcttttc attctttcac tcggttagga agcctgtggt tcagagggtc atctcatgaa      420
agagcccgtg aaagcatata agaaaaagga taaaacacag aaaaaaaaac gattgcggaa      480
caataagttt tgatatttca gtactttcct cactggcggg tggatagcgg ngtgggtaaa      540
tgtcatttcc acgtgagaaa acattcaaga acgatggctc gtggacataa tcataaattt      600
actctcaaaa gnaaccatag aatgaagtan aatgagttat ttttttttaa      650
```

<210> 2709  
 <211> 317  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(317)  
 <223> n = A,T,C or G

<400> 2709



caagggagaa	attgtngata	tgcccgatgg	ggaactcaag	acatggtggc	tggatcacgg	60
nttgcccact	gatttttttg	gngacttctc	caanttgcct	atgaagcttt	gtatcgggtga	120
tctcttgtgc	tgtggagaga	tggttgcaag	ggggttcatg	gcgaagacga	ctgacagtgt	180
tgagaagttg	acgggaagga	agccgaagcc	gtataaagag	gctttgttgc	antncaagga	240
cttgttttcg	aaagccta	tanagagtct	acttgagtat	cacagagcct	attaaatata	300
gaaagttgga	ttgcttg					317

<210> 2710  
 <211> 616  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(616)  
 <223> n = A,T,C or G

<400> 2710	
gagcctcatg	atcttcaatc
aaatgccaca	ccaagcttag
ttgttagaag	ggcaggaaga
gaaattgagt	accgcgaatg
aaccaccg	agccatctgc
acatggaaca	tccttcctac
acaccattc	tottccaaga
tacaagagcg	gaaaggagac
gaagaagtnc	gagtttcaaa
tagcgatttg	gacattta
gatttatagc	ttggat
	60
	120
	180
	240
	300
	360
	420
	480
	540
	600
	616

<210> 2711  
 <211> 234  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(234)  
 <223> n = A,T,C or G

<400> 2711	
naaccnag	ntgggtaaaa
ttgngggcg	gggggaana
ggtatatggt	ctggtgggtt
attangocat	ggtaagtgtt
	60
	120
	180
	234

<210> 2712  
 <211> 321  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(321)  
 <223> n = A,T,C or G

<400> 2712	
caaggancaa	gtcnagatgc
gacccttcga	agtctgccc
ctgttttaggt	tcgaattgtg
	60
	120
	180

ttngetcggt	gggcgaagta	tnggcctgcn	caaataagcg	tgaaggctctg	ggcgaantcn	240
ggtctgactc	tngtccaaga	tecgtcttgc	cggccgncng	ctccttacct	tncacaaga	300
aggaccccaa	gcgtctcttt	c				321

<210> 2713  
 <211> 447  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(447)  
 <223> n = A,T,C or G

<400> 2713	
ggaaaaatac	gagttcaaat
cagtcttgac	tgagacattg
gttcggctct	tggtactact
acttaacaat	gaattctctg
atctgccagc	ccagctgcoo
ctgtctcgcc	tggttcgcca
cttcnngcac	aattgnttgg
tcccgcattc	acctaactgg
	tctctac
	60
	120
	180
	240
	300
	360
	420
	447

<210> 2714  
 <211> 601  
 <212> DNA  
 <213> Fusarium venenatum

<400> 2714	
cttgccccat	tctaccatac
tctctccgt	ataggtctcg
gcactttggt	ctcgatgcaa
cgccattcga	tctggagaga
tctgggaaag	gagggcggtg
agactccct	atgctgggct
actctctcaa	gggtggcaag
gcttcgtct	ggccgaccag
gcgatactgt	agtctctaac
cgacttctt	catgtgggaa
	c
	60
	120
	180
	240
	300
	360
	420
	480
	540
	600
	601

<210> 2715  
 <211> 632  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(632)  
 <223> n = A,T,C or G

<400> 2715	
atctgtagag	ttacgagttg
cattgccaac	aacaacgact
tatgcctaga	tctggggtcg
tgaagatggt	ggactggatg
atagccccag	aagcgaggct
aagcaacccc	tctgtttccc
agggtcanaa	cttacacctt
	60
	120
	180
	240
	300
	360
	420

tcaaganatg cattgaaatg catgaaagat ttagttttta cccttctacg ttgtattaaa	480
aatcctggag ttttcgtttt atattaccg gcgttatcgg ntacaggggc caagataatg	540
ctanaaaccc ntccctacga cactaacatt gctangtaca acttggggccg naaatccggc	600
ttttgtnttg gatgggttat gcaaaaanaag ct	632

<210> 2716  
 <211> 164  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(164)  
 <223> n = A,T,C or G

<400> 2716	
nggtgatagt cttcttaccg tgnntaacag taacatccna ancaccagng ratccgntga	60
ccctactgat cccgctgnca ncattgataac caccactant gatglannaa ccatagcatg	120
nanggtcttg naacaacaca tcagtgttgc atantgaagg atca	164

<210> 2717  
 <211> 603  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(603)  
 <223> n = A,T,C or G

<400> 2717	
caatgcttcc attacagggtg ttgtgctgag gctataagca tatttcgagc tcaaaacatc	60
tcttcaacag cttttattca ccaccgatct tcaaagaagc acacaaacaa ccgacgtcca	120
ttttcacctt gaaaacatgc agttccaaca aagaattcca tccagcctca cccgaatcct	180
tctagctcct ctttcgacaa tatcagccac ccccgaagat cgcagctctc acctccattt	240
ctattcgagt tttccctgtg ggcgcctaat cggagagct ctcaacgccc ctctctccact	300
caactgttga gagctggcgt cctgtctgc atggagattt tgcggcggtt atctctcacc	360
gagactttac tttacctaca ttacttgacc tacctatgag tgaacaactc tctcgtatt	420
ttatgatata ggggtttcta tctattact gagcaaaaca gaggttatgc ttggaatant	480
taataaggag caagcatatc ctgttgggtg agttgtatac tatagangct gaggcaggta	540
cagtactttt tttttcgtgg ggggtcaacc aaccgattca atgaggcttt agaacaaacc	600
gtc	603

<210> 2718  
 <211> 560  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(560)  
 <223> n = A,T,C or G

<400> 2718	
togtcttata attcacaatg gctgggtatcg cttactacac cattgccggc aagcaggltcg	60
ggggccacta cttgggcatg gctgggttgg gaacccctct cggcgggtgtc aagtaaggca	120
ctctctggcag ttctgctaag cctaccgcta ccgntactnc ccccatnaac gcttcaagct	180
tccaaacgagg ccaacttcat ccaagacttc cttaccacgc anggacaaga agaactnaga	240
cggttggtatc aaggacaatg gtcattgccg ttatttggat gtggggggacc gttggtaagc	300
catggaagca taagctgtca tcgagccgga cagtcaaatt aagataccaa caaaagcctg	360

tttcgccaat	cgtggcatga	cgatcctaag	gaacgatttc	ttcatatgtg	aaaaaccgaa	420
catgcgaccg	accagctcga	gccaatctcg	ntattaccga	ccagctgaat	ttgatgggtgc	480
gaatgcttgc	atgcttactt	cgcacangct	gnaatcgnca	ttggttttct	cgagctcgaa	540
atggcgcaag	agaaaaattg					560

<210> 2719  
 <211> 393  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(393)  
 <223> n = A,T,C or G

<400> 2719	
gocgtttctcg	aaggtcttggc caagtaagccc catctttatca acccggatttc ctttgggtgat 60
cttctttgagg	cgctgaagga tctcatccgc cacagtgaag aggatgccga gaagggcccc 120
gatgatgaag	aggaagaagt agaggaggaa gatgaagatg atgtccctgt gcgcaacctg 180
acccttgagg	ctctgctctg caccgcacaa ccttcgcttt gcttgaaggg caaaacgctc 240
acaactcacg	caacgatctt cacctngatt tatcgttctt cactacacac ctttttaaga 300
nactcctcac	actttctaca aacctgatg tcgagttgac acgtnccgta actnaaccag 360
cgcagttcta	anataatgtc aaacaacaac ggt 393

<210> 2720  
 <211> 518  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(518)  
 <223> n = A,T,C or G

<400> 2720	
tttttgtcca	atagactggt ttctaagcga atgtgctggc ttccaaagtt gaaaatggac 60
atcagacgga	ccttggaagc cacaaacttc tattccaatt tagccgctgc gctttcagcc 120
ttttctcaag	acaaactcga caatccgacg ttgaatttac aaatcgttat ccaagagggg 180
aatagtgtcg	atgggtgacag atcggatact ttcgaagcca atgaacaacc tattatgcaa 240
tcaggacacc	ttctcctctc acataaaatc cctctccgca ttgacactgc acgtgcagca 300
tcgaacctgc	tggtcctagc tttgctcgag agaagcatct tcggagcacc gtatccaacc 360
aatcggaggc	agattgaagt tcaaagacgt acccagagtt atcagacaca taagagacaa 420
ggcgggttgag	gttgctgcgt gaaccgggaa tgtccgtgga agnggcgtna aacnaagccc 480
agacagatca	gtcggcaaaa acttcaaaaag agcaggtg 518

<210> 2721  
 <211> 596  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(596)  
 <223> n = A,T,C or G

<400> 2721	
caaggaagtc	ggccctacag tagaagtcgg atctaaagcg ccaltggtctc aatatctccg 60
tttaccagat	ggaaaacctt cattagtagt attcctccgc cactgtggat gcccttttgc 120
tgagaaaacc	ttcaggtctc ttaccgacct ctacagacaag gtcccaaattg tccactgtat 180
tgctgtctcc	cactcatcag aagaagccac agacaaattg ctgcctcaag tcggtggtac 240

ttggaacggt	gacatggtaa	togatgagga	gcgagatctg	tatgccaaat	ggggtttggg	300
tatctcatcg	acatggcatg	ctgtgaaccc	cttcacaatg	tggaatgtat	tcagtctcgg	360
taagaatgag	ggcatatgga	acagaccgac	agaaancggc	tcgcgatggc	agacangcgg	420
ggcttttgct	gttgaccgtg	atngaactgt	ccgttgggtg	caggtggcaa	gaacagcaga	480
cnatatgcct	gatctcaagg	cggccatgaa	cgcacttgga	ttccccctcc	agaaganaaa	540
cccgttctag	acacaaattc	taanatactc	tcgtcatggt	tactggggaa	gcccg	596

<210> 2722

<211> 253

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(253)

<223> n = A,T,C or G

<400> 2722

ngttaaggtt	acgcagtcac	tgtggngnga	caagctttcg	ctttttaccg	tnggcaacgt	60
tcgggctggt	nccggacagt	ggaataaagt	caagctttgg	gatctggcng	naagtggag	120
gttntgtgga	agcggtggtg	ggaagtggga	ancggnggta	aggncggtaa	tggnagcgg	180
agcgggaagcg	gttnaagcac	ntccacagtt	gacggancaa	tgcangcgan	aattggggga	240
ttccgggtaa	cgt					253

<210> 2723

<211> 480

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(480)

<223> n = A,T,C or G

<400> 2723

ctttttcagc	ttgacattct	gcttcctgct	catcactgct	ggttttctggg	ccctcgctga	60
ggacttttact	ggcaatgctc	tgcttgcaca	aaagctttctc	aaggctggcg	gtgcatttgg	120
attcgtcaca	tgcattgctg	gctggtagac	cctcgtcgct	gttctcttcg	ccatcgctga	180
cttccctatc	caaattcctg	tcggcgactt	gtccactgtc	attaagggac	acagtggagaa	240
ggcccgccgc	gcataatttg	atgcgcactc	gagatgtatg	atggaaataa	tgtggaaaat	300
gggataaagg	gatgatacag	acacttgaga	acctccttcc	cggcgtttgt	catggcgttg	360
agttactcaa	caattgatta	tgggtgggtc	ccagtctgat	gttctaccca	cggagttgaa	420
ctttattagc	tattaagttt	actagtctga	tgaatctttc	anatccatgg	actgaaaaac	480

<210> 2724

<211> 364

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(364)

<223> n = A,T,C or G

<400> 2724

aacngnttca	ctcgggnata	agcactcgnt	aaacggggat	ctatctlaatn	caatatgcgt	60
ggactttgta	ttttcagcgc	ggncgttgcc	gtcgccaacg	ctngtgcgtg	cgagaagaa	120
cactaccccg	ttcctggaca	agaggagcat	gtnccttccg	tgcengacaa	caactacact	180
tcttcagcaa	cgagtatact	ncnccgath	acgagtatac	tccccccgac	aacgantaca	240
ctttctctga	caacgngnat	tcttcttcca	gcaacgagta	cccttcttct	ngacctacca	300

aagnnggttc ttctctcaag agaacaaacc tgggggttaac cctctnntgg acccaccgag 360  
gagg 364

<210> 2725  
<211> 362  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(362)  
<223> n = A,T,C or G

<400> 2725  
tgggtctctc cccttctggt cgtcaccctt tcttttcgtc ttacttctcg tatccgagat 60  
caacctctac taataaacia catcgttttt gtttttactt gaacagtcct cagggacttg 120  
tccccaaaca aaagctatcc gctgggtggtt ggaagtagac ttgaattcgg ctatagctca 180  
acgaacgagt ctacaaaaag cgaacaacct gngacgaagg aacagcctnt gacttacaca 240  
tngaccacaa cgtacgagcc gacccangat cctttaaatc aaccaatata ctaaatacgtt 300  
atcaactggg cctgaattta ctgggtccaa tggaccggat tggggaatna aaggtcaaaa 360  
cc 362

<210> 2726  
<211> 473  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(473)  
<223> n = A,T,C or G

<400> 2726  
ttctgtctgt cgtagcaacc actcccaaga aaatactcac aaattcatca aacccaataa 60  
attcaacgca ggcgatcaaa gcctgaagct tttaaaaatg ttgtcatgtt tcggctgcgg 120  
taaagaccgt gaagaggcag agcgtgagcc tctgctgccg cgttacaatg acgacactaa 180  
cttgacagac cgactgcatg agaagttaca tacatatcag atgctgcgtg ccatatcaaa 240  
gggttatatg ccaagcaatg agcagctcat catccatctg cgaactcttc tctccgcccc 300  
aatcttgaac ccagagcgac aggaattgag cccttcagga cgagctctca tcagaagcat 360  
caagctgngg atcaccagcgc tcatccaagt actacagcac aaaaacagca ggaccagatc 420  
caggatcttn tctggctctc ccangcacgt ttaaattgtc atgtcccat atc 473

<210> 2727  
<211> 117  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(117)  
<223> n = A,T,C or G

<400> 2727  
nggnggnata aagggccaaa angagcncta ttnggacttg attncnaggg catgcgacgc 60  
cnattacgan tattcattgt gaangcccga gttgctgacn aantggcctt actctaa 117

<210> 2728  
<211> 610  
<212> DNA  
<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(610)

<223> n = A,T,C or G

<400> 2728

gaggaggggg	gccaggagag	cggttccaag	agccatgctc	agtcgactgc	ggatcaagcc	60
actataaacg	agcagctcga	cactataaag	gacaaatacg	ccaaatacct	tgcaagtcga	120
cggtcccttc	tgctctctgt	tggcgaaaag	tttgattcct	cagcagctcc	aatcctgggt	180
ccgtccacag	ccaaacaaca	ggcagatgaa	ccagaaccta	cctcaagtac	ctatcttctc	240
actccataca	tcgagactct	tctcaagtta	tcaaagaagc	aaagagcaat	gatagcgcag	300
aaagcacacg	taaacacgac	tctcggaag	gaaactaagg	acaactgcca	gtcactcggt	360
catctggaag	aagaaagcca	gctactcccg	tctcactcta	cggcaccaga	atctcgacgt	420
agatccggtt	tgggagagtt	tcttacctct	ggtgaacggt	caggcttggc	tgggaaagtc	480
caaccttggg	ttctcgctgc	cgactcggcc	aaaattgcca	cgcttgagaa	cgtggcgagaa	540
cagggtgaag	gcggaacagct	tgccttggnn	aactctatgc	aaacattgca	agcagatcga	600
ccaacttttg						610

<210> 2729

<211> 599

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(599)

<223> n = A,T,C or G

<400> 2729

caatattaga	agacgaaaac	acgaggctgc	cgggcatatc	aagtcagacc	aaggctctgtg	60
aatacagggt	cataaaaaac	tgggaattgg	cataaaaagaa	ttgaacaatt	tttttctctg	120
gggtatctca	ttgttaccct	tatctcgaaa	ccccaaactcc	ccaaaaacgc	ccgcccctaga	180
aatcagttca	cgtctaccct	ttggcttcag	cgtcggggcga	aaaccactca	gccctcgact	240
ccatataacc	tctcggtgat	gatgcacgca	tcgaagatgt	aggtgaactg	agcgctgtca	300
cgaagctatc	tggtgaccct	ctacccaacg	tcgctgtact	ttctggaatc	cttgggttctt	360
ccgtcgccct	ctctgctctc	taatttccaa	tccaaaagcgc	ccgttcccgt	cggttgcggt	420
gtcgctcgctg	ttagctgatg	acnctgaagc	agcagcctga	agctcataag	atcctccata	480
tttttctgca	anctggttga	tggcgttcgt	gtcnaaattg	gctagcagac	cgatacttct	540
tgcacgtcgc	ggtcaatctg	cacttccctc	tcttgggggt	gaacgtcggc	tctatcnaa	599

<210> 2730

<211> 119

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(119)

<223> n = A,T,C or G

<400> 2730

naggnatcaca	ccaacnacn	attcgngtg	gccacntggg	ctngttcctg	gnatnccgac	60
tgaagtnta	atcgagtgat	ttacantaga	ataggnatg	tgacattntg	aatgtgcca	119

<210> 2731

<211> 658

<212> DNA

<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(658)
<223> n = A,T,C or G

<400> 2731
ctcaataata atcttagttt tcaactcagtc ccaagcttta tcaacatgag ctccctctatc      60
cagacacttt gccgtggcgt tgcgctgct ccccgactc tccgtctcgg tctcaccag      120
acccgacgat tgagcaccac agatcctagc cgaagcgttg caaacggcag agatactgct      180
gttcacgacc ccatcatgga cagattcttg ggatcaactc gtgtcaacat ttccgagtct      240
tctcccattg ttaccgagac ccccgacatg actatgtcta gccgagaccc tcctctgggc      300
acaaacgcct ttgagccttc atctgcacct cgctgggtctg gaatcaacct cccctcaggc      360
cgcaataaat ctgtcgtggc tgctattcac caccaccatt aaatgcttcg ccgcaaacc      420
gacggntaag caacacgaca aattgggttg ggatttatcc caccaataac gacatgaaat      480
gaataaccac gccccaacat tacatatcac accacaaaagt tactgggtcc cttcattgcg      540
cagcgcattc gagaactttt tttttatcaa agtgggtacca aagtactggc agaagatgga      600
aqtggagta atcgcacaaa nggngggagga aagtcacctt taagcgtgga ggnttgan      658

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<210> 2732
<211> 143
<212> DNA
<213> Fusarium venenatum

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<400> 2732
gacttcggcc cggccagggt ccagggtggg ccgcagggtg ggcttctaga taagaggctc      60
ggggaaggcg tggttttcat tctgttagga gttttggatg agtctgcgcc ggatgggaat      120
ctgtccgtcc ggctcgggtg ctg      143

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<210> 2733
<211> 543
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(543)
<223> n = A,T,C or G

<400> 2733
ggatcctcct tegtctatcg tcaatcctct ctgtctctct tttttctttt ctgtttataat      60
agttacttct tottattacc gtatgcgact gttgcttgga tctgaagctt gactttgtat      120
agtcaagaat catgggtgtt ccgaatagag gccctgagct tcaggcagtg tgttacacac      180
tggttgctct ttctgttata gcagttggac taagaatcta tgttcgtacg cggatgggtca      240
agaacttttg tatggatgat tggacaatgt gtgctgctct tgtcacatc ctattgtttt      300
gcacaagttc ccttagtggt gtcacgcacg gaaccggctg tcaccgaagt gacctcgatc      360
cagcagatta tatcaaagcg agaaattggt ggtgggtggg ctatctgtgg tactgcctaa      420
ccatgattac ttcaaagata tcatcggcat cacccttctt cgaatcacca accgaaagat      480
ggacatctgg atcctttaen gnacaatggc cataacactc tgaccggaat cgctttttct      540
ttg      543

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<210> 2734
<211> 570
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(570)
<223> n = A,T,C or G

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<400> 2734
ggggatatga ggtcgaatat aaggcccgtg atagtaattg ccgcttactt ctctttgtgc      60
ttctcactca tcaatatact gtctctcaca tategcttac agtacgacct gcttgactta      120
nacattcaca acgcctacaa tggatacget cccacagaa attgtcatcc agatcctgga      180
caaccttcca accccagcca tcaagcaagc ccgtcttaca tcccgaacat tcaactcgat      240
tctcgcaaaa cgcacatttg aggttctcgt ctcgtttcta gacccgaaag tggcgcaaga      300
cacaatcgtc gctgtcgcac aagatcctgt gcgacggcat cgacgacctt cgatttggtc      360
gccaaagtgc agcgtacctc ggaattttacc cgtcgacgac tcattcctca tggccctctg      420
gatcggtttg cgcgganatt catgggtcgc aggtgttgaa ggagacaagt tggacgttgg      480
caagtggaag aatgggggtg gaaangacnt gagtgaagat ganttnagaa agatctggtt      540
tcgatatgcn ctttatctga attatatgaa
570

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<210> 2735

<211> 590

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(590)

<223> n = A,T,C or G

```

<400> 2735
ccgtctctta ctccacaaca gcaactcttg cgttggttga acaacaagaa ttcccccttc      60
cagtgtctga gcctagctct tgatacttcc tgcctacaa gtcgtcaacg tcatatctcg      120
cgtggcatga cgttagattg tccctggctg atatgccatc ttccgccacc aattgcagtc      180
catgctgaga agcttgaagc gggagacatg gagttctcca acgatcgggg taaatgctat      240
gacgcaaact gaggtagcca ggaagggtgag aatcccaaga gtttgtgttt ggctttgtgt      300
gtcaggctct ctgcccagtt tgtgacttgt tgatgatgaa gccatcgaga tgcaagccgc      360
caggatgact attctcaact atataagaat cagggcatcc ctctcgggaa ttatcttttc      420
ctcattatca taaacaacaa caactcttag gataccacaa agcatctgaa cttcagctca      480
atcacaactc atctacaaga tactcaaaaca cttttaacaa ctacaccaca aacaacaatc      540
atcatgtctg gtctcatcaa caagggttaag gaactattca ctccgatnag
590

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<210> 2736

<211> 592

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(592)

<223> n = A,T,C or G

```

<400> 2736
cacatcacct atccaagagc aatatatgta ctccagaaac agtcttgctg tcaaacagtc      60
caaccagccc tcgacgttga agccttctcc ttcaatggat attgcctctc gtcgaaacaa      120
gcgccccccc caactcgcaa tcaacgcccc tcgcagtttt tcggcaagcg gaccagaaac      180
tgggatcgat gttgggagaa gagctgaggt gggacattcg atgcgcctg ttgcctccgc      240
aattgaaatt aaacacatcc qtaaqcctat qactggtcct cgaagccctt actttgaaag      300
aatttcagac gttttattgc agctgaatcg ttcccccaac ttccaaaagt cgaactaccat      360
tggaccacct actcctaaca ctctgctgtg tggaaatcac cagggcctat gtnaagctac      420
cccgggcagc acgtgggata cgaaaaaaaaa taccgatgga tcttgcaatc catgaccaac      480
actccgaacc caactaccac tcttggantc atggaacact tgtncanaat gatctaatat      540
caattgntc cccnataacc ttggtganac aagaacngca cttttctctg ac
592

```

<210> 2737

<211> 292

<212> DNA

<213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(292)  
 <223> n = A,T,C or G  
  
 <400> 2737  
 nacaagaacc aagaaaagcc ttnttcgagg gttgttcnac aattnggggg caaagcgaac 60  
 taaaacntgg caaccgggtc gcaaggggga aaggaaaaac cgntcttttg tcgaatcttt 120  
 ccaagccctt ttcccttga acccgttttt tgggggaata nggttgaanc accaatnggg 180  
 tggaaaccen aaacttggn ccttggtccc attcccaaaa aaaagncaaa ccgttntgcc 240  
 ttgcttgccc ggggggggtg ncctttggga nttaaaancc caaactttat tc 292

<210> 2738  
 <211> 112  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(112)  
 <223> n = A,T,C or G  
  
 <400> 2738  
 cgcgccgna agaatttttt tttttttttt ttttnggag ttatcaaaat gatanatttt 60  
 attctttata aatatatgna aaaaagtaat atctaaaaac agttgtttta ac 112

<210> 2739  
 <211> 482  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(482)  
 <223> n = A,T,C or G  
  
 <400> 2739  
 ggaccaagca tgactggcag cgacatgaaa agtcattgca cttgnccctc gagcgngggg 60  
 tgtgtactcc ccacagccca aaggccgtca accccgatac tggatatctg tcttgctct 120  
 tctngngnga cgctaaccga gacgatgccc atatcgaaag ccacaaccat tcagcctgcc 180  
 aagagcgcac acctgccgaa cgaacttttt accggaaaga tcaccttaac caacacttgc 240  
 gttnggttca taacattaag tttcaggact ggtctatgaa gtctgtggaag gtggctacgc 300  
 cananattcg gtccgggtgc gggttctgtg gtatcgtgat ggatacatgg actattcgtg 360  
 tonaccattt ggccggagcat ttcaagacgg gttattccat ggctgactgg aagggtgact 420  
 ggggttttga taatccagta ctcgaaatgg gcganaactn tatgccttca tgtatgaaac 480  
 ct 482

<210> 2740  
 <211> 227  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(227)  
 <223> n = A,T,C or G  
  
 <400> 2740  
 naagacgagc gcggttggtg gaaaaatgac nccccacgac gtnaaaaana aanacctggg 60

ctacgatgtc	ncatncccc	caantaaaga	tgtcggcctc	ggcnaatatc	agcacattcg	120
aggcctcnag	acgagcgctg	anacgtcttc	cacagaggcc	tcaaggccca	cacattacta	180
tgattgcatt	ggnggtgcta	tcggaactgg	tcttattatc	ngactgg		227

<210> 2741  
 <211> 308  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(308)  
 <223> n = A,T,C or G

<400> 2741	
cqccgaacga	gacgagctga
acaagaagct	cgagaccgct
gagcgtgagg	ctgtgattct
60	
cancgcactg	aggacggaga
acaacaatct	natgaagaaq
cttgacgatg	ccaagaaagg
120	
ctcagaatgc	tgctgcatcc
aaggtgaact	ctctcgatac
tcaganngcc	gcactgggtgg
180	
ctcanatcaa	caacgggtggc
ggtgctccca	gagcgagctc
canggggaagg	aatctatcaa
240	
ggatcccaag	cgggcacaaa
agcnngtcgc	gtaagggatc
ctcnggaaaa	aggactgaac
300	
tctctcgt	
308	

<210> 2742  
 <211> 593  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(593)  
 <223> n = A,T,C or G

<400> 2742	
ctcatccgat	acccccgttc
attgccttgt	gggggttggtg
ttttgtcttg	tttcatcttc
60	
ctcgtttcaa	acactcgcca
ttcatccgac	tcaccccgct
atcgcaagg	ccccccagtt
120	
gagtttttgg	ccaccttaac
attcgccata	ttcgtcgcac
cttgaaacct	tcgcttctcg
180	
actttttaaaa	acaaacattc
acgccttcga	aacaattgga
aacacttcta	ccatcatgtc
240	
tttctccagc	cttggttcaag
acttgagcct	ccgcgacgcc
aatggtgctc	gccgcctca
300	
gatttccggt	cccgcctgct
cgcttctact	cttgacgana
gancttcgca	cgtctcgaag
360	
gccatgtcct	atgccagtac
cgctgccaca	gcgtcagtat
ctccggcgan	atttcgancc
420	
agctccatgg	tggatacttc
cacctctggc	ccgctcatgg
caagctgacg	tcagcttacc
480	
aaqtctatgc	ttatctaccc
ctcttctntca	cgacggggaa
ggtgatagat	ctcgtccctc
540	
tctccctggt	cagcacagtc
actgcataaac	tgatccctcc
tcaaacnctc	tca
593	

<210> 2743  
 <211> 972  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(972)  
 <223> n = A,T,C or G

<400> 2743	
ngcagccag	ggcgcacgat
agcaagtgh	gttcagtgta
tctgaacaga	cgaacgggtgg
60	
aagcgcgatg	aactttggng
ctagcaactt	cgncattggc
gaagacgata	gcctttcgga
120	
tgattggaac	aaacggtaac
gatattagtg	ngaggacgag
gaactatggg	gacaatgggg
180	
tggtcaaaaag	ttcatggacg
ccatatcgaa	agcacgagat
tcggctggac	gattaatcga
240	
gtctactctc	ggtcttgaga
aggaggtaac	cgaacaacaa
cgacacgact	tctacttccc
300	

caagaacccg	ccagtcaacg	aataccaccc	tctgtctgtc	agtagcaagg	ccccttcacg	360
aaacgcccac	caatggatgc	tgcaaccccc	gccgtcagcc	aaggatcatg	aaggcaagg	420
gcctgttagc	cgagctgcaa	gttcgggaag	caagtcagat	gctaggacac	tagttggaga	480
tgacactcag	ctcagccgtc	ttgttcacga	gaagcttggt	atggagaagt	tgagaaagga	540
gtacggtaac	cctacagaaa	ccgaactcat	cgaatctctt	ttctcgaacc	gaacgaacca	600
atctctctct	atccatcgca	ctcgaagcct	gtcttttcgac	acttcgcagc	actcacttga	660
cagtggcttt	gcgaagcgaa	agtcaagact	tcgaccagtt	gccgnaccac	caggatacga	720
ntcttcanat	gatgattccg	attntgacgt	gcccgtctct	ttttacaaa	ggccatgcnc	780
tcggggccctt	gccgaaagga	ttttggcggt	caacggctct	aagttggaga	ctatccagag	840
cacgaagtcn	gccacaagga	tgtcctcgaa	gcgatccaag	cgacaaagat	ccactcgatc	900
aagaggcttt	caggcgccgc	ctccctgttg	gcgacaacct	gattaactca	aaactgggtg	960
aaacaaaatc	tc					972

<210> 2744

<211> 358

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(358)

<223> n = A,T,C or G

<400> 2744

cgaggaccac	agaacgtgct	ttcttttttt	tcttcttggg	ggaaaagtcn	gntgatgatg	50
ggtggcgctc	tataggggaa	ccnggggtat	ttgtacagtc	gtcaaactcg	gtgtcgctcg	120
ttctttgaaa	aacatgcatt	ctttgcagat	ttnacaccaa	tactctngca	aaccgtggcg	180
cactgnacat	ctatcatngt	gctgtgaatt	tccatttctt	ctcatatacg	attcagggaa	240
catgaccatg	atgatcaact	cgagtaacga	ggagtagaaa	cgaggcatga	attcggggcca	300
ctacgaagat	tgggtcggtg	nagagattct	atctgtttat	tccatcctta	tatctata	358

<210> 2745

<211> 237

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(237)

<223> n = A,T,C or G

<400> 2745

ctttctcaac	gatgctgcat	ctactgctgc	tgttgagaga	tcaagtgttg	ctgagcgcg	60
tgcatactc	gttaccttct	cttctgaccc	acaaacatag	gcacgctggg	aactatcagc	120
aggaatcaag	gtttacacgt	cggagcaacc	aggtgtccca	ggaaaagtcg	aagcgaactt	180
gcaaagcttg	acccngnact	ttggggcctg	catgtccatc	cntctnatct	acggcaa	237

<210> 2746

<211> 150

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(150)

<223> n = A,T,C or G

<400> 2746

ncgccggagg	ccaaggncga	ggccccgcga	aggcaagaag	tccccnttga	ggcggatgat	60
ccccgtcatg	nacacaacct	ngngttatcg	gntattgtat	nagnaaagca	actacntgt	120

tcceaagaagc cttttggggtt ggncccccca

150

<210> 2747

<211> 315

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(315)

<223> n = A,T,C or G

<400> 2747

gaataaacac	cattcgccat	gtctttctca	tttggattcg	caggcgacga	cattttctgac	60
gatgagcaga	actcttcaac	tgtcaagcca	acagtcccag	ctcctgcagc	caccagcagt	120
gcatttcttg	tgcaggaaa	acctcagctt	ccaccaactc	tccatcaact	gtctgatctt	180
ctcgccnaga	aaccgtccaa	gacgccttac	ggctctctag	atgttgagct	tgacgatgga	240
actaacgttc	agttaccag	gagaganttg	tgggatgtga	nggtgcnctg	atggtcgaag	300
aagaagatto	ctgga					315

<210> 2748

<211> 581

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(581)

<223> n = A,T,C or G

<400> 2748

gtgtgtcgag	actatcccca	gaagttctcg	tgtctcgctca	tcataatttg	gccgctcata	60
ctcggaatca	tattcatcca	gtccaattcc	tttatcctcg	aatgtactat	acaactcctt	120
ttctttgatg	agtggcaatt	gtcaactatc	atccatctcc	atcttgctcg	gcacaaatgg	180
gtttttctcca	tctccataca	gaaaatcgtc	gatgtctgag	tcaagcttca	gtgtcttacc	240
gtacgcccag	ccgtcatcgg	caagctgaat	ggtgaccttt	ggccgcaatg	accggctccg	300
ccattcagtt	cccctcagct	cattgaagaa	gttgtgtgga	ttcaacgaac	agtacatcgt	360
aggggaagcta	agggggccac	gaacgtgata	acaatatctg	gtattcaggg	ttgatttttg	420
tatggcggaag	tcttgaangc	tttcggccac	gcactcttga	aatcagaagg	atttacttaa	480
atcttgacnc	ccaatcttgt	taacattttg	tcgctctggg	ctcccaaaaa	aaccaacttc	540
ggttgaatag	tgaaggantc	ttccaattgg	anatgcnaaa	g		581

<210> 2749

<211> 587

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(587)

<223> n = A,T,C or G

<400> 2749

ctaaagctgc	atactccata	catactgata	cagaacaaaac	aatctgtttg	cgcacatcaatt	60
gtatcaatcg	cactctattct	tattacacct	cacgcacatcg	cgcacgcacat	cgcacacacat	120
ctcatcaaaa	ccttcgtctt	gnaaaagagc	gnaattacac	tataacttat	aaagcaaaaa	180
gtcgactccg	actggaaatca	aagaaaactat	ttcggtagcc	cgggcgtctg	tgtttgcgct	240
gtgtgagttt	cggaccaata	ggttccaatc	gacaactgaa	cgaccgacga	caattcaatt	300
ccggaactcc	cttgcgataa	aatgcagtc	aatctatcag	gaggacttca	tgtcgcacaa	360
aagcagcacc	ggcgtcaaaa	ctcgacaccc	actgcttttg	aagggtgctaa	gatccccaat	420

ctgccaaaccg	cacaacgaca	aancgcacac	cgacgcggcc	tcagtctcga	tattcgaaga	480
caacacattg	cggnatctcc	agcaactaca	acaacaccaa	caaggcagaa	ccaaatggta	540
ggtacaaatn	ctaacaacac	aggactatcc	cattatccgc	agcataa		587

<210> 2750  
 <211> 531  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(531)  
 <223> n = A,T,C or G

<400> 2750						
caaacacgtt	accaagaagt	ttgcttattt	tgaatatata	atagataaga	aatataaaga	60
attagnggca	ttttatttga	ctaaagggtc	aaaagctaac	tttcagtlut	tcagltgcata	120
tgnacataat	cgttcagata	aagctggact	taagtttaag	gacttattgg	ataaagccag	180
gtctgaaaca	gaatctgcta	ttaaagaaga	taaaaaatta	aatcattcat	tacgaaatat	240
aactggngag	aaattaagt	atttaataga	tctagctgaa	aagcaatgag	atagaattta	300
tagtaataat	gaatatccgg	ataatgataa	ctattatttt	aaaactcgcg	ngattatcct	360
ataaccgtgt	nttattaact	agaaatcgta	gtcatatgac	ttatttcata	tgtataaaga	420
gggagttgng	gaagggtataa	aaatagacag	caaattgctgg	gnnggataaat	gctncctaaa	480
ttattttaaaa	ttntntaatc	tagagaagag	ttataaaaaa	atactgtctt	t	531

<210> 2751  
 <211> 344  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(344)  
 <223> n = A,T,C or G

<400> 2751						
aacacacaaa	gacaaactac	caaaatgact	ggcaccgacc	aacagaagga	cggcggagaa	60
gcaattctcc	atccacccca	tcaaggatga	agctaaggac	aaggtctctg	cctttaacgc	120
tcaccccgga	ccgcgcatgc	ccaaggatat	gcctcaagaa	gagggtacca	aggaggagcg	180
caaggctaag	atggaggctc	tcaacaagaa	ataagcaggt	gacttctgca	acagaagcta	240
tttcgcgcac	atgattgtat	gactagatat	gggagcggat	tgctttacga	cttattacaa	300
cacagctaga	cagctattta	taattcgcac	aaannaaaaa	aaaa		344

<210> 2752  
 <211> 380  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(380)  
 <223> n = A,T,C or G

<400> 2752						
nccagaatga	cogaaccgga	ttaaacggca	gggtcggatc	gaacctgtgt	aaaggaatgg	60
ttgtatttgt	gaaaagaaga	agacaaaaag	gatatttgan	tgctcgatga	cattctgaga	120
ttgtttggtg	ttacaccagg	agtaacagcg	cagcgaacaa	ggctgtcaag	gcaaccatac	180
cgacttgtct	gtcgttggtg	ctgccacag	actcatctga	tgagacctcc	tnacggctcg	240
ttagcgtcaga	gacaccggtc	atcttgtctg	tcgcagcaag	gacctggccc	ttctcgaaga	300
aatcgacaag	gacaaattgg	gggcagcncc	cactnctgtc	ggcactcctg	gaggtgcttg	360

ccaactcgcc gttgtggtag

380

<210> 2753

<211> 189

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(189)

<223> n = A,T,C or G

<400> 2753

ngcgactctc	ccccccgaa	gtcttngtcg	aacccccaaag	tttgacgcac	cttctantcc	60
agctccccgag	cctnntaaat	ttcacgcgcg	agccgcctnnc	ttgggttttga	accaggana	120
acngtccenc	ccngtgacta	tttacccgaa	agccctccca	ctgtnttagg	acttgccccg	180
ttcgctcag						189

<210> 2754

<211> 438

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(438)

<223> n = A,T,C or G

<400> 2754

ctcccattta	tgaggtaatg	aaagccagcg	atgaggagag	tggtatttgg	gccattccaa	60
agctgctgaa	acgcattctaa	atgggctgat	gaagttcttg	gatatttatt	gccctctaga	120
cttggccaaac	ccaacagaac	caagcaaacac	tacagagctt	tccattcgat	acatcatgct	180
tacatattct	tttatatcta	tctgcaaaaag	ccgtgtccgg	gtcnaattan	tagacgtcgg	240
tgatggcgcn	accccaanaan	tcatggcagc	aatgcacgac	cgatataagt	tccaggccgg	300
ngggatggac	ctaaaattga	naagtatgga	gatgcttctt	acttntttgc	tccngtgcct	360
ccatgagagg	tttccgcgga	tatcgatnct	tcatcaatga	ttgaatgtct	cctgtctttg	420
acagaggtnt	ttaattga					438

<210> 2755

<211> 828

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(828)

<223> n = A,T,C or G

<400> 2755

ttttcccttg	ctttccctct	ccctctctct	ttttctctct	tggtctctct	agttttccata	60
tttctctctt	tttctctctt	tttctctctt	tttctctctt	tttctctctt	tttctctctt	120
attcatttgt	gacctgttta	tcttgactgt	tcttcatttt	tgatactcac	cgttttccaa	180
gatggcctgc	atattctctc	ccacgcgcgc	tgggttatcc	gttccattat	cgcgttaate	240
ttgtctttga	accacctctg	cctgccacct	acctgcctga	attatcaaga	agacttggac	300
egggcactcg	gcccgcctac	cttlacatat	tcacctccaa	attgcactct	atcaaacacca	360
attgttctcg	cttatctttac	acttgaccgc	cgggccttca	ttcaaacgaa	cttgtctctg	420
gtttcagcat	ggatctttaa	tactcgtacc	cccttaattgt	gacggctata	aacaaaacaa	480
ctattttcaac	acaaaaccac	aagtaagtag	ccactgtagc	taacacacgc	agacttctct	540
gtccaatttt	cctgtaaagt	agccctagat	caaccctaca	tcacggggcg	tcaagatcgc	600
gccagcagtc	cctacgcgta	ggatttcgcc	atgcttggct	gcctgncaag	atgtatatatt	660

gaagaagcac	cgccgccggc	tagactgggc	actttcgaac	gagcttcata	tagcagcatg	720
accgacatgt	gcttaanaaa	aggnggccgg	agggatgant	gattggactt	gactggggaga	780
taatngnaca	tgggangntt	aatattgtat	attaaaagaa	agtcctnt		828

<210> 2756  
 <211> 782  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(782)  
 <223> n = A,T,C or G

<400> 2756						
caagaaggaa	ttgtggatgt	cgttccgaac	gattatgccc	gaattttcaa	acttgccaat	60
aactataatt	tggggctgc	atgtcaagat	taccacgcac	ctgcacgtgg	tatcttccag	120
tgaggttgtt	agggagcccg	aagtcgttgt	togatccact	accyacaaac	actgtcagcg	180
ttagagagca	cgctctagtc	caccacagat	cttggaaggt	cacaatggcg	gcaagacaat	240
ttatgtccan	gcgccaaatt	caaaggagtg	ggaaccggca	tgattgagtc	agacacatgg	300
gtgggggttt	aactctnatg	aacttctgct	gggcaacccc	cggagctact	tttcttagca	360
tctnctatat	tatgccatct	ttgcatgtaa	gaatgcatgg	ttatcgatag	cctgtcactt	420
aactattttta	ccgagtgggc	acgaggggac	aaatgtaagt	ggcagaacac	tcagggtccaa	480
ttttccggag	atgcacaatc	cttatttgat	atcgaaacac	gcattntaca	catacggtcg	540
tacatacgac	aaaggcagca	agactacccg	ctttacgtnt	tntttgcaac	ttttataaac	600
caagtngngt	ggttactttt	atntgagcta	cggagcgacg	ggtcggtnaa	anttggtgng	660
acaagaatta	agcgcaaggg	ctacaattga	tccaaccaac	ggacgattcg	tccaatantt	720
ttccggtnaa	aaaggcctcc	aacgaatttt	ctggattttg	gaaccagnac	ggaaaaatnt	780
cg						782

<210> 2757  
 <211> 560  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(560)  
 <223> n = A,T,C or G

<400> 2757						
atgctcaggc	tgggcacaa	ttaaaatatt	ccttcgcttt	cgttgattga	agctaccctg	60
tattttttaca	acacggcgat	catgacatcg	caaccgctcg	ttctcgccac	agcaactcct	120
tcagagcttt	tatcacacat	tgcatcctac	cacagatatt	ccacaaacac	aataatcggc	180
tctctcnaaa	gctgagttcc	acacatctct	cgttgaggat	gtcactcgtc	atctcactct	240
ccaagaaaagt	tgacacagag	ggactcagcn	acagaacctt	ctcatgtnct	cttaaagcca	300
togctttacc	aaatcgccat	ttctcgccat	ataaggattc	tatttgccac	aacagtcaca	360
catctgogtg	cttatctttc	cgnccttcaca	ccccaaaaact	ccttgatata	agcaccgnca	420
aactataccc	ctgactctna	tacgcctctt	cttctggnet	atggctcctc	gctcttcata	480
gagatgcaag	cgaatggnet	gcgcaaggga	tcgggaactc	tgcggtttgc	taggtgatgg	540
caggctcanc	ggatggggtc					560

<210> 2758  
 <211> 511  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(511)



<223> n = A,T,C or G

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<400> 2758
cggctgtgtt gactttgacg attccatcgc acgaggacca tcacaacgac gatcaacgac      60
aaaaccgtcg cagcgccgcg aaactccgaa aaacagaggt cgaattggtc aagcaccgtc      120
tttcaatctg gagccgttga ctttaagtcg aattaaaata atatccttat ctcgatctcg      180
accaaggacg cgcttaatta atcacatcat tcatcatcac catatcgtcg aataatagca      240
atcatggtcg acttcaagag cgaaaccatt cacaaggttt cggaaaagggt ggcagataag      300
gtgcatgata ccaccgaaag ggttggcggc ctgcttgatc aggccgaagc tggcaagatc      360
ccggcaccaa gggtcacccat cctgtctctg ctgtcatcgg cacagcgttg actggtggta      420
tgggcaatgc tggcaccaag ggctacctgg cggcctacat cnagganctc gaaaanaacc      480
ccttactaag tgaccaatct cactgtcatc c                                     511
```

<210> 2759

<211> 496

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(496)

<223> n = A,T,C or G

```
<400> 2759
gaaaatattt ttttctttac tctattttac tttnttcta agaaattcat gctggaatat      60
attctcggat tcatcatcgc ctacatcacc atgggtcaaa gtatcccca gaatgtgac      120
gagggactac aaagtatgct cccatcaacc gacagatcag acgacaaggg aaaagaacca      180
gaagttctag aagatgagat tactcccgtc gacatagtca ttgcacgaat catgctctca      240
aagggaaaga agctacctcc agatgttgct gatattatcc tcgatttcgc agagtactgg      300
gtctattcaa gcaatgaagt tgactttaaa cttcaacatc agaatcctct gactgtcaac      360
ggtgggaagt cctactcaga acaaatttgt tcttcggctc taccctgtgg gtctaactgg      420
tcttcaaggc agacaagcgc tcgctgagat cctggcgtat gacatgactg aagcgaacct      480
caaaagttgg gagaaa                                     496
```

<210> 2760

<211> 588

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(588)

<223> n = A,T,C or G

```
<400> 2760
atcctcttcc gcctctcggg aaacatcact accgtcaggc attggattgc ggtcccaaga      60
cctcgtggaa tctgctgtca tctcccgttg agacatacat tcactcactc gctcttggct      120
tgttagcaatc ggtcacgcgc ggtctttttac aatcgggaca ggggtacgcg cgaactggaca      180
agaaangaca gggcaggatc tcgacgactc ggactaatca tttgaccatt tctttttcac      240
tcogtcttgg tcttgggtta tttcccgtgc caaatgcttg cccgcagaaan catctttgaa      300
attctctaac cacacgcatt tggcaccatc gccgctgaac gtattttgcc atctgaggct      360
ctttgcgtct caacatacat ggccgacgac agctaccgaa aagantatcc ccagcacagc      420
cggcccgacg acagtcaccc tcgaactcag tcacactatc ctccaccacc ggatactgcc      480
cagrgtcttc cgacgctcct ccangcacca tggctacttc agtcaacttg cctctatcca      540
tgactctcgc ngttaacngc cgcgcctgc actccnggct ttgttata                                     588
```

<210> 2761

<211> 623

<212> DNA

<213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(623)  
 <223> n = A,T,C or G

<400> 2761  
 cttaggttcg tatcatccat acctattaat ttgtttgagg cattgccact gtgacaggca 60  
 catttatctt ggccgccaat ctgatatac ggatgccgac ctgccaaaca cgtttatgaa 120  
 agactacttg cacgcggaca gtgatattaa gagatcaagg aagcgaccga aaatgactag 180  
 taatgcgcct cccaagctgt ccagttcaaa tatccaagtt aacgacaaca catcacaatg 240  
 cttcaataga gtatcgagca taccgacgcc gttgagcctg cgagtctccg attcccacac 300  
 gaatagagat aataaaacca gcccnttagc cccaaaaccg cagatgcctg caaagaagan 360  
 caacccgata tccgttggtt cgacgggtga tggccttgcc aaagtccaca ccaggatg 420  
 tcgctagatg gagcggttgg acagaaggaa gagtcattntc aaccccgga tctcactca 480  
 aatatatgtc aggnaccacg attgggagtg aatatccttc gaatcctgac cccctttttt 540  
 tgaatatatt gacaatatcc gggtgggccc aatcagatag canaacatgc ttcttttttt 600  
 aaccccaata aaanggcgc caa 613

<210> 2762  
 <211> 618  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(618)  
 <223> n = A,T,C or G

<400> 2762  
 ctcagtctcg acattgggtt tctcaagggt gtggtgttgc attgacctgt cgtcatcccg 60  
 ccgcctctct cttctggctc tctcacatc aatacagtac ttaccaccta aaccttcgtc 120  
 atcctgcacc tcaacttcacc tcaccctcat ttcgcatcat cctacatcaa ttctcacc 180  
 tgaacttcaca cctcgcatcc tatcatacat ggtcgatctg ccgtgatgcc gctatagtga 240  
 tttctagact atcgcagctc gccagcagtg gtacagacac ccctgctcat cattcgattc 300  
 tcgcgcgcgt gaaccatcat agtatcaact gcaagacagt ttaccactcc aaacctaatc 360  
 tttctcactt gatcgggcgc acctctgcac tgtctttaat cactaactca gcgcatacaa 420  
 ccttaccatg tcgcccacaa cgccgggttac ctcaacttac agcaagcctg gaatcgtacc 480  
 tccgttttnc tcgcangctc tttctcggtt ccacaatggc actncaagag atggaatgta 540  
 tttctgacca aaatggagag catacgttcc aatctgaagn tatgcttgag cctgaacagg 600  
 ataccaatto aagctttn 618

<210> 2763  
 <211> 629  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(629)  
 <223> n = A,T,C or G

<400> 2763  
 ggccgcagga attttttttt tttttttttt aatcgtaaag taccatccgt atgcgtntat 60  
 cagccttglt ccacctctct cgcaggcgtg tcaacgacgc caagtagaca caagccgcc 120  
 aatgaataaa atatcttcaa cttnatctnt gcgcaataaa tgtgaatana aaagcgcggg 180  
 caactgaltc taccactgca ctctcgtacc agttganaat cagccatacc tccaaaacat 240  
 aacaaatcgt ctcaaatgca gataaaccac gccgaacctc caggaccgtc ccttgaccga 300  
 caacctgatg ctcataaata gaaatcggtt actccccaaa ccacntnttg tcaaagagcg 360  
 tgtatgcgta aactccaaaa ccaaaaccaa gaaacaaagc gatccanega ctgaacggat 420

atgccgaaac	cctatcggaa	ggnacagtgc	cgaccgaagg	ggctgncatt	gtcaaaatag	480
agaggtaatt	accggatcaa	ggaatcgcat	ggngacgttc	catgatccca	aaaatccacc	540
gggtnttcca	aaaccagngt	taaagtttgn	nttggtgcaa	anancaacga	ccccccgggt	600
gttccnatat	antacagggg	ggtttttttn				629

<210> 2764  
 <211> 269  
 <212> DNA  
 <213> Fusarium venenatum

<400> 2764						
ttttggttca	tcattgacatc	gtcttgggtat	ctgtaccaca	acagtccggt	accgccagat	60
gatacatgga	tgggtgccgtt	cagcgttggtg	gacacaattg	gtatggacac	agcccagaaa	120
gtgctgcttg	ccagtggcctt	ggctcttgagg	tttgacgttg	gcattgaggt	gtaaccatct	180
tgccgggggt	aaagcgagcc	taaatttgca	ttcaagataa	atactctaca	tagatatctc	240
aagtaatgca	gacgataatt	tgtctccat				269

<210> 2765  
 <211> 593  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(593)  
 <223> n = A,T,C or G

<400> 2765						
gagcccaactt	tccgttgttg	gcggttagatc	taacttgcaa	agaaaagtcc	cacgccttag	60
aaaagcttga	aatgatectc	atttacaaaa	gaatgcatag	tgtctacttc	tcacgtgaga	120
aaataccaca	tggctcatgg	attctctaac	tctgttgata	tctgatgttg	cggacctgcc	180
acttaggagc	aagcgcctta	gaaaccttgc	agtattctat	caagatatgc	cgagattggc	240
agggaaatgc	ctacgtgctg	cagggtcacg	gtatgaattg	atcagcctac	acgacgcatt	300
caacgaagac	tctctgcggg	actgccgact	aagcaatgaa	ggacgcgact	caggttagca	360
tctccgaagg	tgttgaaactt	catccagatt	ataattttat	cctgcaccca	tcgcaaacgg	420
acctgaattt	tacgtctata	atttaacggc	aacgatccat	ttccagggca	cagggggatt	480
atgaancagg	gcggttgaat	gggtttctcc	tgaccattca	aaacatcgac	tcatcgtcac	540
acgagactgg	cggatgctta	cacggcattc	atgtttcagg	tggcacaat	aaa	593

<210> 2766  
 <211> 341  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(341)  
 <223> n = A,T,C or G

<400> 2766						
gagaaagaga	aataatctttg	gttgtggcaa	attgacgatg	gattgctctc	tattacaagg	60
aaaggcgggg	tcccactatc	tattctggccc	tgcattaaac	tggttgttga	gtctgggaac	120
tgagctgaac	aaattcgccct	atttacactt	ggaccttttt	gcattgttga	ctttggcttt	180
ggtcttgaca	atatcaagtc	attctaattgc	gtgacattgt	cttgtcttgg	aatgggctgc	240
atggaacttt	atanaattcg	tggcacttct	agcgggacng	acatgcggg	cgatcatact	300
aaaaagcggt	tagggaatggc	tactaaaagg	acgtttgttg	t		341

<210> 2767  
 <211> 159  
 <212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(159)

<223> n = A,T,C or G

<400> 2767

nccctgttna	cntgtggctt	caacactggc	cctgggcggt	anattggctg	tgcggnccctc	60
aagtgtgtnt	tgaaaaggaa	aaccgncccc	gaaatcaagg	taggaacccc	aaccttgcan	120
gggacttcca	tncacgcaac	anacagtggc	tggggaaat			159

<210> 2768

<211> 517

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(517)

<223> n = A,T,C or G

<400> 2768

ggctctgaga	tctggaagta	tctagcacga	gctttctacg	gcttgagaac	agcgacccgc	60
cgaactatct	ggggtgatcg	cctcttccta	cagttccacg	gacctacaaa	aattctcatg	120
tctagccgag	gtgtgcgtgc	ttcagatgta	ctcaccaaca	agcaagtga	tgagatcgcc	180
gactctgaac	ccggcggtgc	ctcccaggct	gtcgagctga	gcgacaagcc	caagctgaca	240
gatggtgccg	gacagggact	ggatgataaa	tcccgtgact	ggaattcacg	ttgccaaagt	300
ttganaaaga	tggcaanggc	aattttccaaa	ataacaagga	ccttaaggag	tttattccga	360
tgaaacgatg	catgtaaaga	aaggaaaaag	ccaatgagcc	gatttacata	tatgaaaaaa	420
ggagagggaa	gatganccag	aagttttttc	caccgttggt	tatgtntgaa	tntcctcata	480
gantggacct	ttttgtttta	ttttcagagt	tgaaaaa			517

<210> 2769

<211> 955

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(955)

<223> n = A,T,C or G

<400> 2769

gtcaaaaggtt	ggacctgctg	ctaacaacca	ccgctctgct	ttgttaggca	tgtttcgtaa	60
ggatgaccaa	aaccaacctc	ctgctcagtc	gcctcacgct	accggacaag	ctgctccagg	120
tagtatgatg	agcgaactta	tgcgatctgt	cgggggagac	aatgtgagga	cccaagcttc	180
tccacaaaacc	agcgcaggca	tcaaacccgtc	catatctttg	gagggcttgt	cccttcatec	240
acgggctgct	cagtctagca	cgcccggggc	tccaaggaa	aaagccgaat	tatgcgcatt	300
atgggcgctc	angtacaagg	aacagccgct	tgcgaacctc	ctcaacccat	togaattctt	360
ctgggaagac	aaacagaaca	gtttctttggt	gttgggtggan	catcngcate	tcctcaaaat	420
tctttttgctt	cacccagtg	attatccgcc	cacctacagc	ccgcacgtnc	taatgtcagt	480
cccagcattg	cgcaagcatt	cctgcgttca	acacacgtcg	cgaatctggc	ccgggtcaaa	540
agggagagct	actttcactc	tttgggaaaa	cagccatcgc	ctgctagtct	ggaagcagcc	600
aaggggcaag	aagtcattgc	tggaaacgcc	gggtctcgcc	ttgcttcatt	agcctctggc	660
acagaagaac	tgttggtccn	cctttctgct	ctgacagcca	gacacccata	tcacccgctg	720
aacntacatt	tttgccttgac	tacttgcaqt	ctgttacgaa	naatgccaat	catttgacggg	780
ttttggaaac	gtgaattatt	tgtncgaatt	gccatcattg	ggattgaaga	acatcccaac	840
ngaccttgct	tgggacctac	nggtttccan	gtttctagca	agcaattaat	tgctaagcaa	900
aattacgtaa	ttggtatctt	gaaaatgcac	tcattctgct	aatattntca	atccg	955

<210> 2770  
<211> 154  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(154)  
<223> n = A,T,C or G

<400> 2770  
ncctcactgc acngcngagt aggaanaaag acccctntac ctntcttaca catgctaacg 60  
cttgcaagcc ttaccgtttg tgacntgggc agggacacat tattgngagg ggctagtttg 120  
tgcgagcccg aaatnccctt tgacaaagga cgct 154

<210> 2771  
<211> 107  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(107)  
<223> n = A,T,C or G

<400> 2771  
nontacgacg cgggaaagga agcatcacgc cgtgtnaaaa cagaaagacg ggggcaantt 60  
attttttact atntgccaaa gntaattgct tatttttact tggattc 107

<210> 2772  
<211> 335  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(335)  
<223> n = A,T,C or G

<400> 2772  
ctgaaagcca ttctttttata ggaagttgtg gttgtagata gtcggcacgg cgccgcttct 60  
gdcattgggtc ttgcggggc gcacttatca ttatttccat tgcacttggc tgcaaaagtc 120  
tgcgacacg acagcgagac tccactcttt cttttcttcc ttgtccctcg acatgctatt 180  
atttcctttt aaggcttctt gtcttttttg ctattccttt tcttcattct catctttttt 240  
ctttctctct tcttaataac actcgggtng gtctcatctc atactaaaga ctcaatcgcc 300  
gttatgagtc cgcaaaagac caanttcccc cccgg 335

<210> 2773  
<211> 204  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(204)  
<223> n = A,T,C or G

<400> 2773  
ntatcacaag gactnaactg gaagaccgag cttacatgga ggaggttgca atgacctctg 60

gagatggttg	agacancna	aggttacgcc	aggatnnct	gcgagcttat	ggagctncaa	120
gttttcaagc	taagtataca	nattggtacc	ggttgagnca	atgncctcat	gntggaatag	180
gtaccgatta	aatgtgtggt	tttn				204

<210> 2774  
 <211> 766  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(766)  
 <223> n = A,T,C or G

<400> 2774	
gaacaatcca	ttctcaacgt caacgtccac accccccccc cccctgcgt cttttctggc 60
cttatcagaa	acctggttcc tctttttact cttgtccctct cttctttctt cctctttctt 120
caccgttcgt	cttttcttca ttacagctac catagttttt tttatcatcc caagcgacgt 180
cgcgtgccgc	ttcgggtttt ggttctgctt cttgtgtcct tgtaggcact tttcattccc 240
tctgaatata	tcaaagtaag cgcgtcggaa aatantcgtt tgcccacaat gttcgggtcaa 300
gtgcgtacga	accggtcgac ggctcctatg gccggcaccg tcatcttctt ggtcgtttt 360
gttagcctgg	cctacaacca tctcgacacc tgggancctc ctactgatgt cgctaccgat 420
accganacgt	tcatcatcgg cgangcccat gataaacctc nccacganaa acctgcaaag 480
antgagcctc	aacagantga ntntaaccac gnggccatgt tcaaagcccg aacaagcttc 540
caacgcttcc	accgagcttg gcgactacta cttaactact tattgaagtc caaggttaag 600
cctaccgtta	agaagtaagc gcctttgggg ggtttcccat ggagctnccg gtgaggccaa 660
ttggaccaca	tggtggcnag gacttgnatt ttcganttgg caaccgncct ttaacgagcc 720
cggcaaattt	ttttgaggnt tgatgaactg ggaccgcnta caagtn 766

<210> 2775  
 <211> 258  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(258)  
 <223> n = A,T,C or G

<400> 2775	
tgacttgaag	cctctccctg gtccctttct catgaccctt ttttgtttca tttnccttgc 60
tctgtctttt	ttctnngga cctgaagtat tattcattcg gctcctntgg ttctacaaca 120
agttctacta	attaacatct catttccagt cgtcctnttt ttctctctng gcattttgac 180
acgatttctg	tattctgctc tcgcagcaag tggggaatag ayygaaccca ccaacnccgg 240
gctttaanat	gtttgcca 258

<210> 2776  
 <211> 168  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(168)  
 <223> n = A,T,C or G

<400> 2776	
ngataaaaanc	tgncggggcng actcccentt caactccaga gantcagnca acatagacna 60
tttggeccna	nagctacacc aatttgaacc ccccgnttgc ggggtgcctat gttgggaaaa 120
tantttcttn	acaanaagat atggcctnng gtgtanttgg agtctatg 168

<210> 2777  
 <211> 168  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(168)  
 <223> n = A,T,C or G

<400> 2777  
 ntgttnaatt attccaagag ttggagacna ttgcaaanaa tgctgggtcac ttgcaaanct 60  
 nttataatct nntcttgatc aagagaatgg aggtgntaac agtttttttcg aagaaaacta 120  
 tgtttgtata ncccnaccgc tanggggggt gcagatntgg acnaccgc 168

<210> 2778  
 <211> 768  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(768)  
 <223> n = A,T,C or G

<400> 2778  
 ctcccaaaca tgattctcgg ttccagcatt ggcgcatggc agggctctcg aatcctcccc 60  
 cgcgaagcca aggaaacgtg ccgcaatgac atgcagtcag atacctgcca gaaacccgcc 120  
 atgtcaacag gcgaactatt agtcgttctt ctcacgcga gttctattgt cgtctgcggg 180  
 attgttgccc ttttgtgagt ctttcaccgt cgcaaaaca gcctcgataa actcgaagac 240  
 atcaaaaggtg ttcaagaact cgatgactac ggccctcgccc ccatcaaacc aaggcctgta 300  
 caactacccc aagcaccacc accgacgtat gacaaaaacgc acgagggaaa acccaacgtg 360  
 acgacagatg aaaattggga tcggacaaat cgaaactcta cagactcgtt aacaccgtca 420  
 ctctgcctaaa gccatgggtg tcaactgccc cgatacactg tccaatagct agaaactact 480  
 gcgcattgga acgttttagc gctggtagtc gagctactgc agnctgtcga tcacttatgc 540  
 ataatcgcta aaaaggcgaa acgcatacag aaactgggtc gttttgagac aggcgctacg 600  
 aatctttgng gncattgcac cccgcacttt gacaagtaga cggngattac gaggatnggg 660  
 ataggatttg gtatgggtta ctatgggggt aaaaangccat nggtnttggg agggctctgg 720  
 tttgggnaaa ggataacgat tntgccgcgg tttgaacggg tntctatta 768

<210> 2779  
 <211> 326  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(826)  
 <223> n = A,T,C or G

<400> 2779  
 onngtctccc gttcctcatt tgatctttgg ttaagttaaa acgtaatcat catgccaaaa 60  
 gcactttaag cgtttggact gaagtacccg cttatacacc cttagacttc aggcccgaa 120  
 aggagttaga aaaccagacg tcagggtggc caaacttttt accttccntt ctngagatca 180  
 gtctacttgt tccagcagct tcatcgactc gctgtagttt tatctgttca aattatacaa 240  
 tcttccactc ccaatcggtat cagtgttcaa ggtatgtaca agctcagtta tttccaaagc 300  
 cgcgtctgcc tttgtttcac caccaaaagc tctctggaaa acacaagctg ggcattgac 360  
 aagctgcaaa agagaagcaa gacgccttcc aagcaaacat tggacatttg agcacttttt 420  
 gggggccaat gctaaactat tgtgacccca attgggatct tggaaaggct gtctgtctga 480

cgggaccaac	gccgggtat	ttcgggtctct	ctcgcctttg	ttcattctgc	tttgtttccc	540
cctgcgcttc	ctgtttacaa	tggtcactgt	tgcccacggg	tcaatggact	gggtaagact	600
tgagggtggga	aggggccatg	caatgtcaaa	gaaccactgg	cgtagggcatg	ccccttgccc	660
cntcaatggg	cgtgatcctg	agcaaaattg	tgnaactnaa	catcggccat	gntcgttcat	720
nggtctgntg	tntggtnacg	gcttgaaata	accaagagtn	acggctggcc	cggcaacctc	780
atagttaatn	gggcccata	acttggnaac	cancttgntc	caacca		826

<210> 2780

<211> 443

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(443)

<223> n = A,T,C or G

<400> 2780

cggattcaaa	aacagcaa	ttctggcatc	ccttttacat	cgccatttta	acagcaa	60
gtttgttctt	acaaactaat	gggattcgaa	caaagataat	acgaagccgc	aacaaacggc	120
gtacgcctct	tccaagacgc	cctacctacg	ggctactatc	tcttggaag	aagacacctt	180
cgctcttcgc	taatctttaa	cgaacaaaaa	cgcttttcaa	ccccaacgct	tgacgtacga	240
ttgatatttc	gtactttacg	actctcacca	cacctagcga	cctcagaaca	ataataaaat	300
tcgatgcccc	gcgcaacngc	ttccgganct	gatacnggtg	gttcgctcga	tctcgcgac	360
acaagcaggg	ttaccagggg	cgaaccttta	cccngaccag	gaagcaccag	ttttccgtnt	420
cnaaaatgca	acccttgcc	ttt				443

<210> 2781

<211> 130

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(130)

<223> n = A,T,C or G

<400> 2781

nngtgggacc	tcttgongat	ggttatctcg	ncctttgnac	agnacgattc	cctncgtttgt	60
tggtgggatg	ctggaatggt	gtctggagca	tncgctggga	taagaccgat	cgcttccgtg	120
aatactacga						130

<210> 2782

<211> 632

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(632)

<223> n = A,T,C or G

<400> 2782

gggatgggtct	gagcaagtag	ggcagtccca	tcggaaccag	ccccagccga	tggggtccca	60
tggtccagcg	acaaaaggag	gaggaagaaa	ccgctcgatc	actccggggg	gtctcggett	120
ctggccatgt	gggtagccca	ctccgaact	ctgtctctct	gcaagagatg	ggaggcaaaa	180
acggttccaa	ccgcccacgc	tctttgcat	cggaagcga	cgccatgtct	atgctttccc	240
aacaacttca	gcgaactcgt	ctcgatgaca	ctaccagcaa	ctccagccct	cttcttcacc	300
ctccaaccgc	cgggctggta	ccaccgctag	cgccattaa	cccattagcc	cgatcggcan	360
ggaacgtgag	cgcattgacg	tatgtgtcca	ctgggagcat	aagtcnttca	tgaacgggga	420



ttcactattc	catcacgang	gccacgagat	gttcacatgg	agggatatgga	agacacggcg	480
atthttgcaat	caagtaccta	anaggaccga	acttggtctg	ccggatgaac	gtntgggcag	540
tttgccctncg	tngttggaaa	gtccagtcca	acggaaccaa	gggtgtcctgt	angnggccgt	600
taacgactag	gcttgnatgc	ggaggganct	nt			632

<210> 2783

<211> 504

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(504)

<223> n = A,T,C or G

<400> 2783

aaaggattcc	acagtgggccc	gcctcagctc	ttgggtctcgt	caagagagac	ccgagggttct	60
ggtcgatcag	ttggttgacg	tatcattagt	gatataggcg	agcatgcgct	cgcagcacca	120
ttccaccgtc	acaatcccca	ttccggccca	tattccaccc	caggttgttc	tcgactacat	180
acagacatat	gaacctatcc	ttcggcacia	ccctggcatg	gtatcatggg	cgccatcagc	240
cataaactat	gacactgtca	ttcatgacac	ctttttcgac	gcttcggacc	ctaaccagag	300
ccttcgctcc	tacnaagcct	atgagatcgt	taggcttggt	ccgggggtgg	gaagggattg	360
cagatggccc	atcatcttca	gagagtacct	aatggaatcg	tgtcgaggac	tgatgcnct	420
gcaaagggtca	tcagctggac	tcagtgggat	gtgagaacct	cacaaaatga	acaggaagct	480
tcagtggttt	gggacccta	gtac				504

<210> 2784

<211> 461

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(461)

<223> n = A,T,C or G

<400> 2784

gtccgaatgg	accaatgtct	gcacatctgg	gatgttagtc	gactgtcttc	aatagacaaa	60
aacacgaaag	gattcccttc	agacgcaagc	aatattgcan	acccgaagac	ccgtctagaa	120
cctagcgtct	ctgtgtcgag	tatnaaatcc	ttcgaggaca	gccctcaaac	tcttggtgtc	180
ggcatcaagg	cacaaggcct	ccggatacac	gatcttcgcg	atcctggaag	cattgtgact	240
ttccagacta	aatgtaacaa	caacctcaca	atcgactacg	ccgatcaaaa	ctactttgct	300
tcattctgcc	ttgaccatcc	tggtgtaatg	atatgggata	ggcgggctac	atcacggccc	360
gtggcatctc	ccacatacat	gcaagccatc	gaaaaanaca	agcttccgng	ggngggggca	420
ttgcgtcttg	atcaagtgat	aaaaaccgat	tctgaccctt	t		461

<210> 2785

<211> 352

<212> DNA

<213> Fusarium venenatum

<400> 2785

tcaccattcc	gcccgtcgag	gtagagaagg	aagattgcat	gaaggaggcc	cctgaggagg	60
ccgttgctga	agtctaggag	actgagcccc	tctccctgg	cggaccgttg	gtaatgaaga	120
agtcgcggga	atttctcaga	ctcaattagg	cgccacccaa	atgggtcatt	tccaagccac	180
tctgtggaga	tggttgaaa	aagaacatga	agaaactggg	caggatagac	aaaaagact	240
tggtgcaaga	cacaaaatgc	caggatatag	aaggcatgca	cgtaaatagg	gagtaaccgc	300
aagcctagat	aattgaaggc	tcgtctagag	aataatacac	aaacgtacag	at	352

<210> 2786

<211> 194  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(194)  
 <223> n = A,T,C or G

<400> 2786  
 ntngcagggg nttgggggan caagcntgag tgtttnttat atcanggatg caaatactat 60  
 gggggcgcac tttatagaca tttagtggct tcataattgt acagacgagg gcgtgccagt 120  
 ctagatatct tggaatatct atctcaact tagttaatag gnaggcatag ttattcaggt 180  
 cttgggaact aaac 194

<210> 2787  
 <211> 590  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(590)  
 <223> n = A,T,C or G

<400> 2787  
 catattnag cttataagtg gntgcatatg cccacttttg aatccctgct ngaatatngn 60  
 cataacttagc ggatacctaa tctctcaaca tnatcccat ccttcataat caaaagataa 120  
 tcaacgccat gtgtttcgga agtaagaaag aagagaacga tgagccancg ccccgctcgg 180  
 gcagaggcca ncgtcatctc aaagtcaagg cgatgtgaag aagagnagat acaaccctta 240  
 aaacgatccc aaccaattcg cgggagagtc tagctattca gcgcctccag gaccgctcct 300  
 gatagaaaac aggcctcaga ctttgngcca cctccaggac caccaccgg tngtcttna 360  
 togcagcaat actctgnttc tntctgggccc ncgccaagta aggtgggagc acagtacgat 420  
 gctccctagg atctccctag gacatggatc atcgtnacaa caatcngatg cttcttnggg 480  
 gcctttcttca ggtnaanggg cggnaccaga atatgcgcct tcnttttggg acctccacca 540  
 aacatgactg ggaggnagna gtccagatac ataattttc cacacctctg 590

<210> 2788  
 <211> 124  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(124)  
 <223> n = A,T,C or G

<400> 2788  
 caacgcgna ttntactaat acncttgng gcenatctct tcaactgcang gatcacantt 60  
 ctatstatnca ntaacnttgc gcncttactt ctacgagggg tttncaaaa accantgnt 120  
 0000 124

<210> 2789  
 <211> 554  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(554)

<223> n = A,T,C or G

<400> 2789

cgtctcttgg	ccgaaacctt	ctctgctgcc	gacatccccg	tcttcaacta	cctctggaac	60
gtttacgtca	acggcctccc	tctattctc	ggagccactc	acttccagga	ggttgcttcc	120
gttttcaaca	acgtcaaggg	tgttggtat	ggtgctaacc	cctttgaggg	caagcctgaa	180
acttttgttc	agctcgctga	cctcatgagc	aagatgtggg	ttgcctttat	gcacgacatt	240
accccccaaca	ctggtgagac	tgccctgccc	catgtgcgct	gcctcagtac	tcactcgagg	300
accctctcaa	cattgtcttt	gacgttaaca	agactgggct	acctacactg	ccgtgacgac	360
acacataaga	aggagatttc	tttctctctc	gaggatgttt	tcgcttaaac	aaaagtcgta	420
agcgctatag	catattgacc	agatataatg	tgtaatgggc	cttggtcttg	ctttcaccca	480
gagacatggt	ttttaaataag	actanggtaa	tctggcaccc	ttgtattcat	aaatagactc	540
tgaaaaaacc	tttt					554

<210> 2790

<211> 472

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(472)

<223> n = A,T,C or G

<400> 2790

nncagggtt	ttcttttcca	gtntagtntt	gtttttggat	ttttgtttng	gggtcaatcc	60
cgncaaaaaa	gaccanagaa	ggcagggact	tgtttgaagc	atggaacatt	ctggaggcgg	120
naaaagagca	ctccaagcct	acggcacgta	tccaggacct	tctgaggcag	gtgatgaaaa	180
aacacaaggt	gcctttgtca	atggtgaaa	caagggaacg	gcctctccct	agaccagnng	240
gtagaaatct	tccacctacg	cctaattcgt	caacggcaat	gatgtcaacg	gaaacaacgc	300
ccagtgaagt	tgaggtttct	tctcatgagt	tgagtgaat	cggattgaac	atgaatttgg	360
actcgatgga	ttgggaaaat	cttntntggg	gcttgagggc	tcctatgttc	tgatcaattt	420
atggatagna	aattctaggn	aggcattata	gatgtgcctc	ggagaaccaa	aa	472

<210> 2791

<211> 406

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(406)

<223> n = A,T,C or G

<400> 2791

cgcaaaagacc	ctcagaagac	ttttgaggaa	gaggagcaac	gacgtgcccc	acgacacgag	60
gatgtcatgg	ctgtgggcag	tcttatagga	gccggggcaa	agtcgggata	ttacaaacct	120
acacagagct	caccagttag	taagtcttat	ctagcggata	gcattgtctaa	ggattctgatt	180
gcccacaagc	tcaacaagca	ggcctcgacg	cctgggaacg	gagaagaggt	cggggaaagc	240
agtgttcaac	gcccaggaag	acagggaagg	tctttagggg	ctctatctct	tctcattccc	300
ggnntttttg	ttttcaagtc	tcttggggca	aacnagcgta	ttatcancat	ttcngaagg	360
cttggtngcg	cccgcaccaa	tggnnncaag	aacatngntg	taactt		406

<210> 2792

<211> 605

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(605)

<223> n = A,T,C or G

<400> 2792

gcctgaagac	aatttgagac	gaggagaatt	atcatcgact	ctcccatcca	ctcacccaac	60
cacccccaaag	ggcttctttc	gctcaacatc	tctccctcct	gcgggtttcca	ccctattaaa	120
tctaggccag	gaaacaagaa	acccttcgag	gctgtgagac	gaaccgatct	agaaaaggaa	180
cagggaaaaa	agtgaatcaa	aaacaccttt	actggatatt	cgtttttcga	ctatattctt	240
tttctcaact	gccaatctct	tccctccagc	ttgcttgact	gtaaaattcc	tgggttgctg	300
ctcaaaccaca	ccaggaattc	caatctcaac	tgaattcact	ccctctttcg	ctcccgcctt	360
cgctcccgcg	gccgacgaaa	agcctcccat	cgaagtgcgc	gctcccttga	ttcacttcat	420
cgaagcaacg	aanaactagt	tcgccaaacca	aattccccag	tgacccttcg	gaccctagga	480
aaggagaact	atncgacaag	agagttatcc	aacttttcag	ccatacgcac	aatcgcaatc	540
aaccgcgactg	tcgactttat	cactgnaatt	tcgggcggac	tgtttggtg	aanccanaaa	600
gttac						605

<210> 2793

<211> 314

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(314)

<223> n = A,T,C or G

<400> 2793

gaacttaaaga	tgagctgccg	agttgagatg	caaggacatc	aattgattga	ggctggattg	60
tcttggttga	gggtganccct	ggtggtgata	atggcgaaatg	ggtcgatgtc	gcttttttcgg	120
acatggttgt	gtctgtgatg	gaagtggacg	cagtgatatc	ttgttggtgt	gttgccctctg	180
tatctctctg	gtgacgtgct	gtgtgaggct	cgcacatggc	tcgagctaaa	ggctggagat	240
gacctgcccc	atcaagggtg	aaagagatag	agatagagtg	gttgaatgat	tgattgaaga	300
aaaaaaaaaa	aaca					314

<210> 2794

<211> 556

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(556)

<223> n = A,T,C or G

<400> 2794

gaagttgttg	ttgcggcgag	gtaatcaaca	cgattcagtg	ataacaatct	caagacccag	60
gcgacctcat	cccacgcctg	gngacgaaac	tcgccaatgg	gattttacga	ttttaatgcc	120
cgaacctctt	taattttcga	ccttatactt	ttttttctga	taacaacttt	ggcattcctc	180
ggcacagcga	aatggcgcaa	tcgcatgctt	tacaacggca	gatactggat	tctgacgcag	240
ggcgttcaga	gccacacqgc	aacctttaat	aatqqgttca	aggggccatc	gatgtccctt	300
tttaattgtat	acctgcggaa	ggacaaaacc	ggacctgaat	agagtaatgt	atacaaacaa	360
gaggaggtta	atatgtgcat	ggatatgcga	tcacgccatg	tcatgcaccg	attcgctcgt	420
tagagayctt	ggatgactcg	agagggacag	gctttacaag	ctcccctact	catgatqagg	480
aggaacaat	gaacgaaagg	gaaaagcgcc	tcgcttgccg	aaacctgggtc	gatcctggan	540
aaaaaaaaac	caggcg					556

<210> 2795

<211> 267

<212> DNA

<213> *Fusarium venenatum*

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<220>
<221> misc_feature
<222> (1)...(267)
<223> n = A,T,C or G

<400> 2795
ntgtcatcng ctacctatgt tcttggggatc tgatactgcc aatgttcgat accggggcttg      60
gtttcttgatt ggcancactt ggatnggtct nggtaccatg accaacgctt acattaatgc      120
cnacgttggc aagtgatacc cggtcgaaca ntgcnaattg gctnaacgct atgtttggca      180
cattngnggg cttatcgcta ctttggncnt taccttgaaa aaggataacc caactacccc      240
attgggaaca agattaantg ggccgcc                                267

<210> 2796
<211> 574
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(574)
<223> n = A,T,C or G

<400> 2796
gcttgatggt tncagcttgt ccttcaacga caccgacaac ttcacaaagg tccgcaactt      50
cacccttcac aacactggta aggaggaggt tgctctcagc gtctctcaca ttcctaccaa      120
gagtatttac accctcgaca aggacagtat ttatgcttct tccttcttca acgaggetgt      130
cnatgtctcat gctgagctcg agttcagcng aggccaaagt ttcacattgt gcgggtgaga      240
angtcaccat tgaggttatc ccttctgtct cagaangtct tgacagcaag cgtcttctgt      300
ctttgggtctg gntacgtcgc cataaacggt accgnaagta tctctgtctc ttcctttacc      360
agggttttga caggttctct gcaacgattc tgttgtnntt agggaaactga cgatcatgga      420
tcgncaagtt caacgacaan ggacaacttt actcctgtc cccgnncaac acgacttttt      480
nattcttccc ggttaaaggc ccanaacgcc actgatgntt nagcctggnt cccgcttctn      540
gntttggatg ctttgcgctt cggttnaagc caaa                                574

<210> 2797
<211> 157
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(157)
<223> n = A,T,C or G

<400> 2797
ncaaagtcog gccanggtt ccccgctttn ttanaatacn ctccccnggg gaaananttt      60
ttctacaacc nccnatcttg ggggtctttt nttnataaaa ttgccattnt tgnntttana      120
attcagcacc ggtttcncc ccaaaccntt tgggtnt                                157

<210> 2798
<211> 603
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(603)
<223> n = A,T,C or G

```

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<400> 2798
acggcagaag ccaaactcat ttgacgacga cgagacgacc aaagctgctt ataccagtca      60
cgccctcgctg ctganacgat tctcgccctcg acctttctgct attaaacatt ttttacttct    120
ttcttttgctt cttcttttcgc cttattccgt tcgtaattcg ccaatttccg tgggtctcact    180
cgcttgccat caaaccaaaa gtctattcaa agaataacct cagcgaactct aaaagccaac    240
ggctaccgct ttgcgcgact gttagttgat taaccgcctt cggattcgca tagtttcgac    300
tgtttaagaa ctggntgggt cgcacaaaca acgacaacca tcttcgaccc gaacgttcgg      360
actcgatcgc tggccataat aatcgcaact cctggaaata gtggcgncac gatgtggtct    420
tgcacatga agccattggc ggcacgcctt cggnggctgc tctggcatcg cccgtctcgg      480
gtganaagat tctntactcc aactcctcaa cagggtgccaa aanggacaac ggattcaaag      540
ccncacnttt tcaacgttgt ttttgacacc aaacaacggg ntccgctacg ttaanggcgg      600
ggg                                           603

```

<210> 2799

<211> 559

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(559)

<223> n = A,T,C or G

```

<400> 2799
cggcttgatc ctcattgggca gtccttatcg cgacatcgctg gttcgcactc catggctcgtt      60
tctcgagacc aanaaagtcg tcttagttcc attgtgaccc cagcagtcag cgtcagcgac      120
gcatctgaat cagcagattt gcacgagcgg cgaagtccac agagtccccc acttctcatg      180
ccaccaccca ccacagcagc tgacgcattg aggcgaagag cgaccatatt tattctccat      240
ttcatgaatc ttgcaggctc gcaactctcca ttactaagtt acatcatccg cctgggccta      300
tttggtatca aangnacaac cctcgctcgt ccttgctggc cctcatggc agagctgaac      360
gtggntatct cctcctatcg cgtagcggct ctggaccttg gtctaccgca agtaacaagc      420
tattcccaat gatgatacaa ggccacgggg actatttttc aaagtggacc acccncatgg      480
ggactcggtg tgancctaan ttctccttgn gtttcacttc acnnggctgn ggggttgctt      540
ctggngnggga aactttttt                                           559

```

<210> 2800

<211> 582

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(582)

<223> n = A,T,C or G

```

<400> 2800
gccattgagt ccaacaagcc tgtccctcaa cagcccatgc ctcttctcgt ccgaattctt      60
acccaatggc cctattcaga ccgtctagct ggccctcgatc tcttcgctg cgtggcaaag      120
tattctcttg cgcacaggtc tctgatccac agnnggctct nttctngaac ttggttttgn      180
ataatttntg cccaaaggcn aactccnaan caaacaacqcaq ncatqanqqq ccttngtact      240
ttcgnaaaca tnttntccac cgcgaanggc cgtctgattg ngagcgcctna atcgggatga      300
agcaatctna ttcttggaag cgcgcttggg gtatnatccg anctatggga ccttgaacc      360
gaacgtttta ttgnggcacc aaagaagaat aacctttagt ttggnacacc gggagcgttt      420
ttnatccgaa caacgggggg ctactatntt ttggacaatc ttttttggga nggnagagga      480
ttraaaagtnt aaccggccct tgggggggtng ganatggttt tagataaana tgancagcaa      540
tttggnntaan ggggggaccag gngtgagacc attaaaaaan gt                                           582

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<210> 2801

<211> 193

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(193)

<223> n = A,T,C or G

<400> 2801

ngccangatt tnttcngttt tccaagccag tttnaaatng ggnacaaagg gantaaaanc	60
cgggnaacca gcnatgttnt acttgagttt gcaanagaaa aagggtttgg agaaancttn	120
taaagtngaa aaccccaaan acttcaagga anccgcangt ttttttaaaa aggccggtcg	180
gcaggattn gac	193

<210> 2802

<211> 353

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(353)

<223> n = A,T,C or G

<400> 2802

gggtcagcga agatagccag aatgacagct tcaagtcggg gngggcgggc cgttcaggct	60
gtgctatcca cttctcccaa cgtctgcgct cgatgcgctt cttcatctc ctccgccctg	120
cctagaatcc ctgcacgact ctactcatcc gtcgctgcag ccgtancnaa aactcccacc	180
gatgcctcgc ctccctnaaa cgcacccaac tcgcccgtt acnatgttcg ttctggagtg	240
attcttactc gaccaccact ggtgacacgg aaacttcacc cctttgagaa ctcttnttn	300
ttttaccana agcgtctcga ggaacgtctc aacactccct tnatcacggg cat	353

<210> 2803

<211> 537

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(537)

<223> n = A,T,C or G

<400> 2803

tgggggcatg gggaggtgga ggttccgtct gatcgtagga cggcggtggt agctcttgat	60
ggggatcgte tgcattgagg gcgggcaaty tgaenatlll ggcgcccgtg ccgctaaaca	120
tgttgacaag atcatnttga acaacgagcg agacaccgct gccgacagca tcgcanacgg	180
ggtggagttg cgcggttaat gtgcctgagt ctttgatata nattgaaagt acggtaatgt	240
ttgcaagttc gtggatcgcg tctaggactg tccctgattg tgcgcgcaga ggagccagcg	300
gctcgtgagc ttctgctgaa acgaggactt cggggtgtct attgaggcgg aagtcgaaac	360
aaagggtact ggagtggaat ttgtcccnca caccactagg aattgtagga tttggtatga	420
tttcaaatda aaaaatqaat caaqqagatn ttcttqaqqa tcaaaaagtcg ggccggtctt	480
tttctcttga ttctgatggg tatattttaac tgaaanaath tttctnttct ttccaaac	537

<210> 2804

<211> 563

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(563)

<223> n = A,T,C or G

<400> 2804

cgcaaaacac	ggcttatcta	gggaacgtca	cgcgttaacg	ttctttctact	ttacactcac	60
acacagaatc	tgactcacta	aatcaaagt	cgcataccag	cttaaattgc	atttacattc	120
aagcttggtc	tttgactggt	tgatacaacc	cattacgcgc	tctgcaacct	ataccagagc	180
ttgcgcccc	ngagaactcc	gggtttcttt	nntttcgccg	cgcactcttc	gttgcatcgc	240
gaactatttt	tttacatttc	tnaaattttc	gtcctttatc	tgcacctgcc	tgccaaagtg	300
aaagtgtttt	gaggcaccca	agcaactgcc	aaaaaaacat	gacggagatc	gaaatggatc	360
tcgatatggc	caagtcggnc	ttagacggcc	gaaacgaaaa	cgagatgatc	nattttgaca	420
ccgaaatggc	agactcgaat	caagactttg	agaagttgga	tgtaaatctc	gaaggtgcgg	480
atagagagat	ggaaaaagac	gagnatgttg	tggaccaccc	ntcttacaaa	cnaaacggna	540
ttataggcna	aaacctcnaa	ttt				563

<210> 2805

<211> 427

<212> DNA

<213> *Fusarium venenatum*

<400> 2805

agaacggcca	gctccgaaat	cgcattggaag	gtttcgagat	gatggtaatg	tctcgagatc	60
agggaccacc	agcaggcgtc	tgggcataga	ctgtgtttac	ttgattatct	tgtgcacttg	120
ccctagactt	gttttttttag	aatatttggt	ttctttttct	tttgtgcgat	attatctttt	180
ggatcgacaa	actggaaaacg	caacgcaacg	cttcaagctt	gtgtgattga	cgaatcatga	240
tatccccggt	gtttatcggt	tttacaaact	cggcggttat	gaggatatgg	gaaaggcatt	300
ctgatgatat	cttatggcgt	cacaaaagcg	agctctgtgt	gatgagctgc	ttgaacaaaa	360
atatgggcat	tccgaatgga	atagtataaa	caatatccaa	tacacattta	atgggttgca	420
aaaaaaa						427

<210> 2806

<211> 554

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(554)

<223> n = A,T,C or G

<400> 2806

ttccctgaga	aattcaattt	tattgctggt	cagttttataa	tggagataga	aaagattccc	60
gtttcgtgga	gtgatcagcc	aaatccgata	ccgaacctcc	gtacacgaac	cttcttcac	120
atggaccatc	catttgacga	gaaaqaactg	aagaatgggc	ttgaaacttt	gattagaaa	180
tattggcgaa	agttgggtgc	tctgttggtc	tcattccgaaa	agcaagggtt	agagtatcac	240
ctcccgcatg	tgttcctaga	tggttatgag	cttttcaatg	gtcgtcagtc	agtgcctgggt	300
tttctacng	cgaaacatac	naaatgtcga	agatcattcn	tccgggagac	aatatcgcgt	360
tctaccagc	cgtggataag	attgacaagc	tggntcgggc	tccagactgg	gcttttgagc	420
gccaagatga	tccaccccac	tctccgctgt	tgtttattcn	cttgaccaat	ttccacnacg	480
gagcaanttt	ggggatcagt	gttctctcag	ttcttgnoga	tcaggggggg	attgggccc	540
atgttcaagg	ttgg					554

<210> 2807

<211> 751

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(751)

<223> n = A,T,C or G



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<400> 2807
caaaatctac gcacgtcaag ctttatatcg actcattccc tctagctgcc ctcttatcac      60
caacgtctca taacatcttc ctttttgccg ctgcaaacaa acaacaacct gcgatttcac      120
tacagcagga taaccatctn agaattgcga catcactaca acagttgaat aacgatatgc      180
agatcacttt gaacaatcca accataccac agctaaaatg aattcacgac ctgtgaagca      240
cattgatcgc gaggatctct acaccaatct agaagctcgt gttcaatatt tacactcatt      300
cctcgacttt tctagccgag acatcggaag tctcatcact ggcgcaaaat acgtcaaggc      360
tcttatcccc gccgtcgtca acatcgtcta caagaaactt ctccaatacg atatcacagc      420
ccgtgctttc acaacacgca gtacctnctt cgaaggccct cttgacgaag tgcccgcagca      480
gaacagtcct cagattatgc acaaaaagat gtttttgccg gcttatctga tgaagctgtg      540
ttcgggatcc caaaaaaaaaa tggagttctg gggagtatct gggacaangg gcggaatgat      600
gcaccgtggg tctttggggc cangcaccct ctttacatgg nggtacgtcc attcttgggc      660
gtntgccttg gcttnattcc aggatatcat ggaccggaag nccatcctct cgcattctcg      720
ngttacacat ttcagcgcca ngaacagccc c                                751

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<210> 2808

<211> 382

<212> DNA

<213> *Fusarium venenatum*

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<400> 2808
ctgacgacaa atgcccagag aagcgtcgag attgcatatc tgcttaacaa tatgaattat      60
ccacttgctt aatcttcgac tcaactggaa atagagtcag agctccactg taaacagtca      120
gtaaggccaa aacagtcatg ggctcgcgtc tggcttattg gaggcgtgcc gacaagggaa      180
gaaaggggtca ctgcggatgg gattttgggg tttgagctcg cgctattgtt attgcaggca      240
taccaaaacg acatggaatt atatgtggcg gagacaaatt gcgttgagta attcaagatg      300
aaataaatca tcttttcaag ggagaagaca tcgatacaaa ggggtttatt tcaagcctct      360
tgaacaaagt tttctcgatc tg                                382

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<210> 2809

<211> 361

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(361)

<223> n = A,T,C or G

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<400> 2809
aacgaagtcg tcgacaccaa cctnaagact cagcagctac atgtcncgtg cgaggctgtc      60
cnagccagcc ttgaggatga ccagcaccct cgtcccttta tccgcgaact ggttgccctc      120
cgtgagatcg cttntgatga tcccgttggt aacgctgcta tcngtctcag ttaaccctgc      180
gggcttacca agcgcggcat ctctacctct tcccagctga ttgaccgttt ncgcctgtgc      240
nntaacgagg tacagaaagg ctctcgctact tgcccgcagc ggcngtggt gcagccacnc      300
ctccagctgg gtctcagcca catcatgggt aaagaagcag gnacttgctg atggtaacga      360
c

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<210> 2810

<211> 310

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(310)

<223> n = A,T,C or G

<400> 2810

tttttttttt	tttttttttt	tttttttttt	nnaccgagta	ttaacaatat	gttttgtaca	60
tgcacccgtg	atctaactta	tccanacaac	cncocgtcag	cattatacgt	anccaaacta	120
tnaaaccccg	nggcaccccg	caatccactc	aacttntcct	tnaaatactc	ccnttgattc	180
tgatgaatcc	tatcaaaact	caacaaaaac	gtaacaagaa	acaaaaaatc	ctccaccctc	240
gcctcnacat	cntgntgttc	cccagcgccg	gnaggcaaaag	ccaatacatc	cncacacagn	300
gtcgtgatct						310

<210> 2811  
 <211> 222  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(222)  
 <223> n = A,T,C or G

<400> 2811	
natanttttg	ggaagntcac atcaatttat ttaaaatggc tccatttgcc atggccnagt 60
tcggttatcc	naaaaacacc ngtgcttctt tattaagta gcacagcaat attacatgga 120
agcacatnac	tttttttggg ttttaagttgc cacatttgna cggctcactc gcatttagat 180
caggcgacac	tatttgagct catataccgg atattctttc tg 222

<210> 2812  
 <211> 202  
 <212> DNA  
 <213> Fusarium venenatum

<400> 2812	
cacttctcgc	ggtgtctacg agctcaagtt cttcaacgtc gtcaacgacg aggctgacga 60
ggacgacgag	ttaacgaaac aaattgcaat gcattgcaac ggcgaggaa tggattgggtg 120
aattgggaaa	cgggacgaa caaaagtttt aaggacttgg ccaatagacc cagccatttg 180
tgtggcactc	tttgggtgt tc 202

<210> 2813  
 <211> 605  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(605)  
 <223> n = A,T,C or G

<400> 2813	
tccacttggc	caangcaccg ctggttgcca aggaaacaaa aaaggcccgt tatgggcgtt 60
tangaacctt	gtggttcaaa cacacacgat gcctcancaa ccacaggctt gaggcacgtc 120
agccctgcgc	gttcatcatt acttaaacca gcaccccttg aacggcattc cacaggccaa 180
ctggttggtg	ttggagagga aggttgaacg attaccgtgg gggtacgccg gtttcgcatt 240
taacttatct	ggaaatctgc tgggtgacaa aaataacaaa tatcaccaga cactcagcat 300
atgctatgag	gggaggaaaag attattggag tgcattcagc cgcattggagt accgggttat 360
tgatnaaaac	ctggtgattt gggacaagac ttcttctaac gttttatgtc atgtaatat 420
tgtcaaaaac	caggggccttg ctttgtttat acatggttca agtgactctt gtcttttgat 480
atctatatct	ctatttqtng gngcgggccc agaggcttgt gaaagtgnac aagcaaccga 540
tcatnccggn	ggggcaacat natcatccat aggtctggga gttttgggaa tcttttttta 600
cttgg	

<210> 2814  
 <211> 123  
 <212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(123)

<223> n = A,T,C or G

<400> 2814

ntgcntgctt	tentgttatt	ggggcgatng	acncaccctt	tgntaancta	tatggccena	60
naacacaaag	gaattgttaa	ctgttctatt	ggngcngtgt	tttggncaact	ancaaccant	120
cat						123

<210> 2815

<211> 606

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(606)

<223> n = A,T,C or G

<400> 2815

ggagcccagc	tctgctatcg	tcttttgagc	atccattagc	gcacttgtag	ttcccatacc	60
atcggggtcg	agagtcgggt	tcanaaaacg	atggaagccg	aagatggtag	cgtgcctctg	120
gacnaaacct	ttactgagat	agtcgagcat	tgngggcggt	cttaccaaca	ttactccttg	180
aaaaacgata	cttattttgc	gcctatcgat	gaggtaggag	tgaagacgct	tcaatgtcat	240
gttcttcaac	anaaaataat	atatctcggt	aggacaaaant	ttcgcgctct	gagatgatgc	300
atggagtcct	cagcggtctt	ttgacaggcg	tttatattcc	ctcctatcag	gctccncaaa	360
aagtgcctga	ttgcgggtgt	gtctggaact	ggccatggaa	tcttaccaaa	cctgatcgg	420
aggtnttggc	tcattgtagc	caccatgac	caaaaaccct	ctgcaatatg	ggcttaggtg	480
tgacttgacc	cganatcaca	tnaatccacc	ctttgnntgg	tcatatcaaa	ngngccgggg	540
gatcctgcaa	ttgtggaaac	ttttccaaaa	tttcngtttn	aaccnggggt	gnggaaatgc	600
aaaaan						606

<210> 2816

<211> 312

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(312)

<223> n = A,T,C or G

<400> 2816

ntntttttat	aacactccat	tcccttctgt	taattcagcc	cctngacgga	aaaagacgag	60
caattgtncg	actttcgggc	tgtgcctcgc	gattcanacc	cccgacgaat	aatcaagaag	120
cacggatnca	atcgcaatcg	agttacctat	tggaactatn	tcccgtagca	taccataccc	180
gttggcgctg	tgcctctcga	ttaaatttgc	gtcgtgcctn	tactnqaact	acctttcacc	240
aactttgttc	tacaagagct	tnacatccct	gncagggtga	gcccatacaca	aagaactcaat	300
cggccataat	gt					312

<210> 2817

<211> 311

<212> DNA

<213> Fusarium venenatum

<400> 2817

cgattttcat	atcacttggc	caacatatac	taccaaacac	cctgttaaca	tggttttoga	60
------------	------------	------------	------------	------------	------------	----

aactactcaa	agtcattgtac	aggctgatga	ttggcgagct	gaagcaatcg	gcctgatgtc	120
tcttattccg	gatacctgtc	tagctgcagt	tgacaaaaat	catgagggtca	agctcatgtc	180
ggctgggtccc	ctcagttcat	catagttaga	ttcatccttt	tcagtccgtc	tttcaactcaa	240
gttacatgaa	accattcatg	caagcgtgct	tgcttttgaga	tttcgaatag	atactccacc	300
acaaaacat	g					311

<210> 2818

<211> 367

<212> DNA

<213> Fusarium venenatum

<400> 2818

cgaaaccaac	catcggagcc	tcccagaact	ctcattaacc	gacttcaaga	tgccctctcgt	60
cgacgccaaag	aaccccggtc	ctcagtacca	gcgttactac	cagaacgctt	acaagaacca	120
cacccggtctt	tggaagattg	gccctcgcag	ccgtatgctg	atgacccctt	acctcatcct	180
ccctttgggg	accctcggcg	cttctttcta	cggcgctggc	cgcaagggtc	ttggatacaa	240
ctcttaacttc	ggaaaactaa	atacgtgggc	tgcttagctt	attatatagc	tcgacaacga	300
tgaggggcta	gtgtgatcaa	gtatggagtg	aatagaagga	gatgaatcca	atctgatata	360
ctcgcg						367

<210> 2819

<211> 233

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(233)

<223> n = A,T,C or G

<400> 2819

gaacgctgta	tgacagacag	ggagcgatcc	agagcgggtg	caaaaccgac	tggtactcac	60
tcaagccccc	actgctgcgg	ttagtacntt	ttgccgatga	cttaaaatag	acgaacgaag	120
cgcaaaaaga	acgtgggttt	gtagacagtc	atattgnaat	cgtggggcgca	gggcggacct	180
gtcacgttga	ccattatact	agacggcctn	ttaagaacaa	agacttgcct	tgg	233

<210> 2820

<211> 285

<212> DNA

<213> Fusarium venenatum

<400> 2820

ttcccagggt	ctgtgcaccc	attcgcttgc	tgccccagtg	cgacgagctg	gagtctctcc	60
ccaagggatc	gtactcgagc	cacaagtacg	ccctcgactc	caagtgcctc	caggacgctc	120
ccaagattga	gtggaagaag	tacagccctt	aggctgagac	ttttaaatga	ataggaaaca	180
acgagatgga	attaataatg	atgaatgggt	aatgattgct	tttgatagc	ctctataatt	240
agcattggca	ttaatatgct	taatatgtga	caacacatta	tctgt		285

<210> 2821

<211> 296

<212> DNA

<213> Fusarium venenatum

<400> 2821

aggctctcac	tgccccgttc	gtcattcgag	cactgtccct	ctccaagcac	ggcctctcac	60
cgaaacaatc	ctcatcgccg	ctcgaaaaaa	aaacccctaaa	ctcttacaag	tgggcgccagg	120
ccattagtaa	ccatgccagt	gtgctagaga	tctacaatga	ggacgagatt	gtccagggaa	180
ccaagaacaa	gagggccccg	ctccgagccc	aaggctaggc	taagcgtggc	tgtgcttgac	240
tctagatatt	ataggacagg	gttttggttt	tatgaattgt	ccccattttc	ttgctt	296

<210> 2822  
 <211> 133  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(133)  
 <223> n = A,T,C or G

<400> 2822	
ngnaggaaaa ccanaaacgg ngntgtttct tnacanaaaa aanaggggcc cttttttggn	60
tntacaaaaa aaanggggtgt ttttctggna cccccaccnc cctnttgta cggccgcctt	120
ggctaaaaac ngt	133

<210> 2823  
 <211> 495  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(495)  
 <223> n = A,T,C or G

<400> 2823	
caaattttcta aactccttca tcatgggctg taacaattct cgccatgttc tcgagatgga	60
atctcgtcct gttcgtcccg tcacctctc aagtcattca gctggttctg caatgacatc	120
ctccaccatt tttcaagact accccggact acgccgacaa caaatcatcg acgccttcca	180
aaagatggcc gaatatattga acgagtaagg tgtaagcata gattgtgtcg ctgtcgatgg	240
cgtgtcaac accctctacc ttcgctcaag agactcgacc cagcagctcg aactctctct	300
caacgatcct tcttcaaaaag aaagcatcct tctcaccaac gctgctagct tcgccaacag	360
tcaagcccaa ggtcgtcttg gtgagacttg gctcacagct cgatgcaact gttctgccgc	420
gaaatgttca nactctcttg tcgaagaagc aaaaccggaa aganatgtct tgaacatcag	480
gaacaatggt ggtct	495

<210> 2824  
 <211> 537  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc feature  
 <222> (1)...(537)  
 <223> n = A,T,C or G

<400> 2824	
cttgacaact ctcttaagtc ctcccgcttt cccaccttca tattcaacct cagcacctcc	60
tccttctccc gaaagagatt cgagctttct ccgtagtctc tgggtccagct ctccacttgt	120
cccttctagt gcaagtcttt tgattgngtc ttctgthggc ghaacttct cctatqttgg	180
ctgagattga ttcattgggt gagattttgc agtgctggat acagcacyca gagaagttgt	240
ctggattctt ctgaggggga cagttgcctt caaacttgat gccgaagatac agcgccctcat	300
ttttattgtc ggattgatgt tgacgggaatg aggaaatgaa atgaagaaat aaatggccac	360
tgtgtggtga cgttaacgcc agaatttatg ctgactaagt cttgtacgtc attggaagat	420
ggcatcgtga cagcataatt tagtcattta tttacattgn gatgttggtc acctatttga	480
aggnccgatg ttttgttatg aaaaaattca attgnaataa tacttctatc ctccatt	537

<210> 2825  
 <211> 746  
 <212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(746)

<223> n = A,T,C or G

<400> 2825

caagaagaag	ggtgaactgg	agaccctcgc	cgagtctgtg	ggactatcag	cgagtgagta	60
cctccgctcg	tctcatcacc	accaatcacc	atcatactgc	gcgtcttctg	tgcacacca	120
acaacattac	gacacgtaca	tatacatcaa	gctgaaatct	acatttttga	gtaccttttt	180
tattttat	ttaatccaa	ttacacacac	tcttcacgac	tctcaacat	gtctactcat	240
agatacaact	catggttaaa	gaccaagaag	aagggtgaac	tggagaccct	cgccgagtct	300
gtgggactat	caggcctcga	cggtttcaag	aaagacgacc	tgggtgtagc	tcttgacagc	360
tatctcacag	agaactcgtc	gcgttttate	gccgatccag	acctcgctgg	ctacttcaac	420
agtcgttcga	aggctcaagg	atccccgata	aagaaggaag	tcttcgcgca	agacagcgta	480
aaggtagttc	gacgaaggcc	ctcaaaagct	gtgggaagaag	aatcaattga	ttcgagtgaac	540
agaagtgaca	ttgctttctc	ttccctagct	acatctactg	ngcttgncca	gacttctggc	600
cgtacactgg	cgcangtcgc	gtngagcatt	acgcttcactg	cgctacctgn	gacttctggc	660
cgatgtaact	tttggtcgg	gaaccgctca	accagcattg	tgcgccagcg	cgtntngtca	720
atgtccaagg	aaggnggata	actgaa				746

<210> 2826

<211> 590

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(590)

<223> n = A,T,C or G

<400> 2826

aagaatcaat	gacagaggag	ttcgaggctt	tggatgaatg	gggctggaat	accaagggcg	60
agatccatgc	caacagttat	atacgagctc	gcttcttaaa	gtcctatctc	ttgggacgaa	120
gtgatagaga	ttgcactttg	taatgacact	cacgtcacgc	ttgattatct	tgaaaacacc	180
aaggctcgag	taaaccagtt	tttcttcgag	atgccatcgc	atttgatttt	tgcttaccac	240
aatcttgatg	acccggatct	tgatataaaa	gttctttact	tgagaatctt	gtctatattg	300
agccataaga	aggatatctt	cgtgggtcgaa	cgactgttga	tccagcatgg	ggcgatcgat	360
gatggctctt	tgctgacaac	cagttttgat	ttaatcaagg	tcacagttgt	nccttgggat	420
acacaagaac	aaattcgctc	ctatgaagcg	aaattttgaa	tggctactaa	ttgcgtttgc	480
tgctcctggg	ggcggcattc	tgtgtcnaga	attacttcgg	ccaactttct	ttgggtgtca	540
ccctctgaat	cctgctcttt	caagatcaat	ttctngcngc	aactcacatg		590

<210> 2827

<211> 596

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(596)

<223> n = A,T,C or G

<400> 2827

gctngcatat	tgaccgcgat	aetacaatac	tgccgtgctc	catectcgtg	categtccag	60
acattggacc	caagtctcgg	ccggttggtg	tacgactggg	ccgactcaaa	aagaagccca	120
ccccagtcac	gtcaatgtct	cattgctggt	tataccgaaa	gaagatgcgc	ggtttttttg	180
caaagggagg	tgtgggctga	ctctgctgca	agatggaaca	cgggatgggt	tgtacagcaa	240
aatgccatgc	ccatggacga	catgagttag	aactgagaaa	tgagtgaact	caactcaact	300

caaccccatc	tcgttttctcc	ccatcccatc	catacctagtc	agttccatta	atccagccat	360
gagccggtcg	accgcccgat	ggtatcaaag	acccaaaaag	ccacgtttac	aaattagagg	420
aaacaagcat	cctacgacat	gcaagatatg	ctgctatgac	ggccaagaac	gggtttccta	480
gtccatttgc	tcgctctgtcc	attcacgttg	tcgtaaaaat	tgccgatcag	ggattggggc	540
tttgatgtgc	cctnctagaa	tcttttgnca	agagatttga	ttttctncga	gaggcc	596

<210> 2828  
 <211> 496  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(496)  
 <223> n = A,T,C or G

<400> 2828	
atctgtatatt	attcccgtgt
gtdcgtcaca	accanatect
tttttngtnc	ttttcctcna
60	
aacctctttt	tcaacctgna
tctactgtaa	acaancacat
ntcaccatgg	acgccataca
120	
aaaacagttt	acccttctct
cccttggtct	tttcaccatt
ggggtganaa	tggttgtnag
180	
gagcgaacaa	tttggttttg
caggatggca	nttggaacat
tacctgatgc	caattactgg
240	
tctcatcttc	actgccgaaa
cggtagcagc	atacctcgtc
ggagcnaaat	tccaaggcct
300	
tacaaatant	tacatgacgg
atgaggaacg	nccaacatcn
acatgggcgg	anaaaaacac
360	
tacaatcgty	tctggggatc
caaaatcaag	tcataggctg
gtccttttat	gctgtattct
420	
ttggtgtenc	aantttgctg
cactgcttct	accccgactc
acatcgggct	tgtccatcta
480	
agaatcgtyt	catgtc
496	

<210> 2829  
 <211> 591  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(591)  
 <223> n = A,T,C or G

<400> 2829	
cattatcatt	acaatcaata
cgcccaaaaag	gtgaacctgc
aacatggctcg	gtgtcggaag
60	
accgcgactg	gacaaatatg
acaagatact	ctcacggctc
tttgagaacc	tcgccctctt
120	
tcacattctc	aaacgagtag
atggccctca	cgctgccaat
gcttatgttc	ccgccactct
180	
tcaagatgct	aggcgtaggt
tottgaanaa	cttgagcttt
atctgcgatt	acagaaaagg
240	
gggagatacc	acgacttcca
tggctctcga	ggacaagcan
aaaagtgtcg	tggtctggat
300	
tgcagcaaac	ttaactccga
atgataaagt	tatatcgttt
cttaccgaag	tnctcaaatl
360	
gctaagagag	gaacctaaag
agaccgaggg	agagcaaaaa
gttttgaaaa	ataaaactcgc
420	
aaagatatgt	gccgagtttg
ctgcnccaag	actaaaaaaa
gagtgcgaag	tgntcacaga
480	
gcttccaaac	ctgngagaaa
gtcctcaagt	tagatactga
cacagttcaa	cagcctggaa
540	
aaaacncatt	ggtgaagngg
ntgtctaatt	tttattttcc
canaactgga	t
591	

<210> 2830  
 <211> 302  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(302)  
 <223> n = A,T,C or G

<400> 2830

tctgacttgt	gggatacagc	ttntgggcag	gggcctcgtc	gccaacgcga	tctttccgag	60
gacgagcggt	tggagaggtg	gacagttatg	ctcatgacaa	ctgctgggtat	tcttgcccttc	120
agaaacgatg	ccgtaggatt	ctttgcgggt	atgctttgtc	atggagcgta	tcgcctctcg	180
gaacaattga	cagagaggta	ctcatatcgc	acttctctag	tcgagcggtga	ggccttgctt	240
cgttaggtat	tcaccgttct	atcggtgtgc	attgagttaa	tagaattngc	ttattcgcga	300
cg						302

<210> 2831  
 <211> 436  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(436)  
 <223> n = A,T,C or G

ctgatgtttc	gtggctcgag	gttttcgcat	actcgggagt	cagcgtgccc	ttatgcgcaa	60
ccatctgggt	cgcggcaaaa	gcatgttgaa	gatccaatgt	cagctttcca	acagacgcag	120
accaatatct	caacccaagc	caactgaaga	gaatgcctgt	cattaattcc	ggcatttttg	180
cacttcgggt	ccacgaacaa	atcatactcc	agccgggttt	cgttccgaac	gatctttaca	240
aggaactgca	atatcttttc	ctactcaaaa	tcaacactcc	ttcattatga	tcaacatcgt	300
gtgtcgcgcg	gaccggacaa	gtcaaatacat	gtaagaatat	ggaggaacac	agcaccgcgt	360
tgacaacccat	gattncagac	tacttttggt	caattgattg	gatataatn	cttagataag	420
ggtggcttat	natoga					436

<210> 2832  
 <211> 479  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(479)  
 <223> n = A,T,C or G

caccatcacc	cagcaatcac	aagcatctct	cataatcgca	actctattac	agcttcagct	60
cgatcaatac	cttacacaac	ttcaaccaat	cacatcaatt	tatttataat	ggctcctatt	120
cccattgtca	agtcgcgtgt	tgctcccaag	gttcttccag	tccttatcgc	agtaggaagc	180
atctccatcg	ttggcggtca	cgctccgtct	caactcacca	atcaatcacg	cacattcgat	240
cgtaaattta	gccagtacaa	caccaacaag	agcgaatccg	tgagagcaaa	gacattcaac	300
ggcgtgtgtc	ctgatccctg	aacaagtctt	ttcaacgtcc	ttggcttgty	aaclcaagat	360
gaaactgtca	tggcggtttat	gggttgggta	atctggattt	ggatttgagg	cgtttttaaat	420
ctgccttgag	aaaataaagt	tacataatta	atttaaagac	tntcgggaaa	aaaaaaaaa	479

<210> 2833  
 <211> 486  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(486)  
 <223> n = A,T,C or G

agtttagcaga	gcagacttgt	tcgaaacact	aagtcaatat	catgaacaag	acgcaaatct	60
gtctcagttt	tggcaagaaa	cgcacatgt	tccgtcctgg	gttgactggg	aacaaatcgc	120



taggggtcag	cacttcttct	accgatacgc	tctcgcaaac	ctgattggct	tcgcctttca	180
aggctttgta	ggcgagaatt	ccgcttcaac	aagtgtgggt	gaagtacttg	cgcgtaacagg	240
cggattcagc	acccgtgtac	tcaggagacg	cctcctcgag	acctttcaga	tggtcctcca	300
agtcacacac	tcccttgagt	acatcaaacc	ggggggctcg	ggtcacagct	cgatcatcag	360
agttcgtcta	ctgcactcca	tggtcagaca	gcanatcctc	aaggntgccg	catncaagtg	420
ccggttcttt	gatcaanaat	ccacggaata	ccaattaaca	cttttngatt	ccatccacgc	480
catacc						486

<210> 2834  
 <211> 578  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(578)  
 <223> n = A,T,C or G

<400> 2834						
aactaagtca	aacgttgacg	acaacaaacc	cccaatgtcc	cttcctgcgg	cgcttctcct	60
tttagcagaa	ccagccaagt	tcttcccatt	cgttacatcg	ctcgagaaac	gaggctatga	120
ggtgggtttca	ggcggtcgcc	agatgctcgt	tttccgtgaa	gtacgaccac	agtcggagga	180
aactagatctt	gatecccttg	atgagctggt	ccgtcgcggc	ggagtctttc	ctaccacaga	240
tggagagacg	ttccagagct	ccagacgtcg	aagaaaactct	gacgaacgca	aaaagaagat	300
gggattcggc	cgcaaggttc	tggtgggaac	tggtgggacg	gcaggaagac	ctttgcaacg	360
accacgttgg	tggagtatct	gagtaccaag	gggataagaa	cggagactaa	gcagaccnac	420
aggtctagtt	ccccgacaat	agtattatct	atgtgcagct	tcaaggacgt	tgtttccnng	480
gttttactca	accaaaccgt	tacgggttat	cantttttgt	tttggaattg	gcacaattgg	540
gacaaatctn	cnotcaacat	gtcttttggg	tataggag			578

<210> 2835  
 <211> 589  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(589)  
 <223> n = A,T,C or G

<400> 2835						
cttcccttgt	ggccttcgcc	aattcatacg	ctgcttgctg	gtgatggcct	tgtacttcgt	60
acgattgagc	cagcatgccg	tctgcgacac	tctgccacaa	aacgttccca	ctgcgttggtg	120
cctgcttttg	tgtcgccatg	gcagatttaa	gcgcttgctc	gccgataacg	ttctcaaaca	180
gtcgactgcg	catgatagcg	agcgtgacgg	cagcccccaa	aacattgtta	gtggatttgg	240
atccggccat	ggcagcctgt	atatgctggt	tctgggtggt	gagctgttga	agaagctccg	300
taacgacagc	ggccatgaca	ttgtgccacg	ctgtccgcaa	atcgacnttg	tgatgggttg	360
cgcacagcgg	gtgcagtcga	tctatcaaat	cgagtgtttc	cgcgctggtt	ctctctgaat	420
gatgctgcac	gatccaaagt	ctgttgangc	cagctagcat	agctaattcg	cgatgcgcag	480
ctttaacggc	agttccacgc	tggtcgaagt	cnaactgggg	tcctttgaaa	actccataac	540
ggaacgtaag	tctcctatag	cctgctgata	gacccggata	gataagaaaa		589

<210> 2836  
 <211> 135  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(135)

<223> n = A,T,C or G

```
<400> 2836
nctatccgca ncggtganatc cgatcgnaaa gaggtcgac gttccttcna aacgtcgttt      60
nnctacaaag ctatgacttn ctattaccta nccttaggnn tgccttcnng tcggtccgan      120
aaggaggcaa ggccc                                          135
```

<210> 2837

<211> 321

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(321)

<223> n = A,T,C or G

```
<400> 2837
ctgcgacaaa tgcgaccaga catgaccag cagcagtatc aaatgatgcg aatgcaaaac      60
ggtggcatgg ctatgaacat gaagcagggc aaccttgccc gcgctgccat ggccaacaac      120
caaaacaacc ctcaaattgat gctacagcag gccaagcaga accagatgca gcgagatcct      180
tcgggcatgg acggncaaaa cagaccttca taccggnttc tggggagAAC gntcctnccg      240
aagcgacaac gcattgacgg gcgcttttaa ccataaccag cctgttggt gatgccaang      300
gccgccaat gcctaacaaa t                                          321
```

<210> 2838

<211> 559

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(559)

<223> n = A,T,C or G

```
<400> 2838
cgatgatccg gaagaagcca gcgttatggg ctctgaggac ttgagtcagg attacaatat      60
cgatctttta attccatcag acgcttcgaa ccgatctatc gaggatcacc aacctgatcc      120
agttcacatc tttagactct ggcagttatt cgttgaccgc gtcaatcctc tgaccaagat      180
catccatgtc ccgtccgtcc agccatttgc tttggagatg gctaccgatg tgaacaagat      240
tccactcaac taccaggccc taatgtttgc catcttcacc atggcgacag tatctctaac      300
cgaaaccgaa tgtcttcaga tgcctggggac taccgcgcac caagctttac gaaagtatac      360
nattggggacc aagctggcac tgacaaagtt caactttttg aaaaactacg atatggtggc      420
gctgaagcgc tgcctgtgga tttgctgctc ttcaaaaccg ntacgaccgc catgctgctt      480
ggatctgagc ggcattgggt ggaaaaaatgn ttaaaagatg gctaccatcg ggacggggat      540
atttangact aacgctttc                                          559
```

<210> 2839

<211> 615

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(615)

<223> n = A,T,C or G

```
<400> 2839
gtaccttttt atgacttgca ttccccattt cttctttctt tctcttaate tgaactgacc      60
tgacctacat tcaatcaaca tcaccacata tacacttaca agttacacca caaaataaccg      120
```

ccattatgcc	gactatgctt	ggtctcacca	acgaccgctc	tactaacggt	ctcaatgcc	180
acgagagcaa	gttcgggggt	ccctctagcc	aaaggggaat	ggaactcacc	cctagtcaac	240
aaaatggcag	catcgtttct	ggcattcaag	gatccgattt	cttcaacgga	ggcggcaagc	300
agcaagagca	cgacccgat	gaagaatcag	acgaggagaa	cctcaagaca	atcaagggtc	360
gcaacctntt	cgctgtcaan	gagatggaga	ctctctntgg	cgcgcgctct	gcgacaagcc	420
caagacggcc	tnaagtacat	nggcaaggac	gccgtatgtc	caaccttct	ntttggggac	480
ccacgctttg	aacggcgact	ctgncctntt	tggagaaaag	tcagcctgga	aaagggtnnc	540
tacaaaagcc	gacttanccn	tcaaaaggg	tatggttccc	tttgatcaag	ganccttttc	600
gcagttntca	gggac					615

<210> 2840

<211> 628

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(628)

<223> n = A,T,C or G

<400> 2840

ctggtttcta	gatctcgctg	agctggcacc	gaagagccgg	atgacggtag	aacatcatcg	60
cttctcctaa	gaactagacg	tgcaggcacg	gaagagcctg	atgaaggccg	aagaacctct	120
ttgtttgtcc	gtaaccgtag	aaacacggtc	ggtgaagata	gtgaagacga	atcaaaattc	180
cgaggacctt	ctcgcacccg	tactgatctc	aacacgatcc	gagttgtacc	gcaagagcaa	240
acgccacagc	cagcagagaa	tacatcagcc	atcccacgac	ggcggtagct	ttcctcgact	300
atcgggacct	ccgcctggca	acaccttccg	tcaacacagc	aacccctcca	cggagatata	360
tggagaggtc	tacgcancan	gaccaangtc	caccgcggnc	gatagggttg	gcgaagagcg	420
tgcacaacgt	tacacgtntn	tagggcgagc	gacatggtea	acagaactgg	caggatgatt	480
agaagaccta	acgggagagt	ttgngtaagc	aatccttntc	aagttgcggc	aacttccggn	540
gatgggtatta	aaatattcat	tgnttacgat	ggacaacccc	tnttatgttt	nggncagcc	600
ggnattattg	ccnattttgt	tcgacgga				628

<210> 2841

<211> 232

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(232)

<223> n = A,T,C or G

<400> 2841

ctcgacgttc	atgaaacaac	agcttatcgg	cccttaatca	gaggtttgcc	gccacgacga	60
ctctacatcc	atcctgaaga	ccagattgct	gctttggaac	gtgagaagac	tacaggcgag	120
cccttggatc	agactccaga	gcttgaatgg	gtgctagcag	tgcaccctga	ggagaaatgg	180
ggcatcaaaa	gcattttcca	aaggcttcgn	attttttcgn	gcnccaaggg	cc	232

<210> 2842

<211> 504

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(504)

<223> n = A,T,C or G

<400> 2842

ctacccgaaa	cctgccatac	agcctgatac	cgatccagcg	cattcacata	ttgtgcattt	60
ctaccactta	cactagggga	tgtaagctgt	agggttccgc	accggtccgg	atggccgcat	120
tacaccgagc	cggaggacta	ccatggcggc	agatcaaaat	ggatctagaa	gtggatttca	180
cgattgaccg	aagaggggtc	cggtatggag	tttcgaccgc	aacaacacca	acaataacct	240
tgacgatgag	ctggctagag	acagagacat	gatgctggtc	tagtcaatgc	accaggggaat	300
aganttgang	acagggccgt	ttgtgggtct	gtcttgcttc	acttcgctcg	cggancaact	360
gccgtcgatc	tcgaatggac	ttgacagcaa	taaccttgac	gatgaattgg	ccaaagtana	420
atcnaatgtt	gatttataaa	aatcctctgc	agggatactc	gttgttgtct	cntatcanaa	480
caattgattg	anttgaatgg	agaa				504

<210> 2843

<211> 1116

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(1116)

<223> n = A,T,C or G

<400> 2843

gcaaaactcg	agatttgcg	ctggatactc	cattggcaag	aagacaacaa	gagcttgagg	60
atatggctcg	tgattctgat	gctgcgcgcg	ctctgcaaga	gcttcagaaa	ctacaacgcc	120
tcggccctag	aaatggcaca	aagcgaaacc	gaactgcctc	tatggacaac	tgtctccagg	180
anaatgttcg	cgagatgctc	ggtggctcgt	actctattca	gagacctacc	tggcctaata	240
cgttggttcg	tactcgaagt	attacctcgc	agtcacaact	tcagggtccc	tcggaactan	300
cctgccaggc	actggcaagc	gaatgtgttg	ttctgctgaa	gccgcacagg	gctacgaatt	360
ttcgtctgtc	catcctgccc	tcggcattcg	gggaactcgt	atgtnggaag	gtatcttgaa	420
ctaagcccat	cgtacctcgt	tggtcgcctt	aattttcttg	atcaactcga	taccccgctc	480
actancgaca	aactaacatc	cttaccacaa	tgttgaagaa	ttaatgttga	atcaataaca	540
ttttctatgt	caaatattga	actgggggtg	ctggcaagca	aggaatcttt	tgctaaaagg	600
ccttggatac	caccatctt	gatgacttga	caaagtgcgc	ggaaagcact	ttgtaggtgt	660
tgagattcgg	ccaaaaagcg	tgttcattta	cgtgcctctc	taggatcgat	cacgaggag	720
agggagacgg	cggtgaacgt	cttgttttat	cagaggaagt	gaagagatga	cgattgcaac	780
ttttgtatga	ctaggatgtc	actgcatttt	tgttttgctt	gtacattgtg	cttttatata	840
gcgttgttta	ctcgtttcgt	cactgcagtc	tttcgcgaga	gatgaggggac	gatccagaga	900
gttatggagg	agaaacggat	agtacaaggg	gagcaatggg	tttaatttgc	tgccaaaacc	960
tacagatgaa	caccacgaan	ggacacaact	tggccgtcga	gtgttgcttc	tgtgagggaa	1020
tgggttttgc	atcaaatgga	gtcccgatct	gccctttcta	caatcaagat	accaaagccc	1080
cncatnatgt	cttgaganac	acacccaaaac	ttgaat			1116

<210> 2844

<211> 413

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(413)

<223> n = A,T,C or G

<400> 2844

ntatcacatc	ttttctttnt	naagacttga	gacgattctn	acgyaatatt	cgaacaacat	60
tcaagggcat	ggaacgatgc	agctacaaaac	acgagctgct	ttgaatnttg	atataacgat	120
tcaacaatcc	cqatgtattt	ttcagntctt	gaaaagctgn	tttaggttagc	tggtttttgt	180
gtacttttgt	cqcaaatata	aaaagggtgt	aagaagcatt	nttcatttct	cttgngcatg	240
caatgggttg	gacaaagatg	atttgcatga	aagggtggatt	tgtaacatan	ntgaggttagg	300
tgctaagcag	aacacgagct	gaagcgggat	ccnaatcagt	gacttgctct	attttctnct	360
gcaagaagtt	cntgcttaca	gttttactca	ancaaaagaa	tnacnttgcc	cac	413

<210> 2845  
 <211> 816  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(816)  
 <223> n = A,T,C or G

<400> 2845  
 gccttaatgg gggaaacatt gccttcttggc atggatttat aatctttcaa tgcctttgtt 60  
 cttcctgaat gtttaaaagt taattgtgcc tccctcctaa tgcaatgtct cttcgcaaag 120  
 gaagtgtata ggcattctct tatcttcgtc agatggatac agaaacaagg gttcagcttt 180  
 ggctaaacgc acatttttgag cagcaacatg gagctgcaat aataaaaaat gctgtgcttg 240  
 ctgtcaaaaac acaagcaaga ttcaactgtg ggttggagtc agcacctgag cagcaaccag 300  
 tttcccaaaa cytggttgat aaacctggcg aggttgtcga ccatgattgt ccaacagaag 360  
 aagagctctt ggagatagtc attcatcaca tctttccaca ttccattctt cgacccggtc 420  
 ggaggcttct aatacgttac ctccgggaac agaccggcca taaagccaat tcgttcaaac 480  
 ccttcacttc gaggtcatta ccgacttgc cctttatgct cttcagcact tttaccactg 540  
 gtaaatcttg atttggactt tggaccagct attgctggga ttccacttct ggnggctaata 600  
 gatatgggaa ccgcacgggg tctgatgtca tataccgatt cctatgccga gatcttgaan 660  
 ggactcgaat ggatnggcgg gtcttatgna aaggagtatc cacatcctcc ccgatgaat 720  
 aattccccgt tntgtnacag gacttcggcg aagtattgcc gggggcnacc ggcaaatnaa 780  
 tgaccaagga acnctngggg atnttttntt ttctta 816

<210> 2846  
 <211> 102  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(102)  
 <223> n = A,T,C or G

<400> 2846  
 ntgtttctaag gaangccctg gatacanttt gagnctcaga atccattgaa nctntgcaag 60  
 gcaccngagg ccttanatca tganatcgcg tggattgatg tg 102

<210> 2847  
 <211> 284  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(284)  
 <223> n = A,T,C or G

<400> 2847  
 nnnccgaagn gggttttttg aancattttg gccttntgaa natttttaggc cccaanaaat 60  
 cgggagnggg cgagcaacca tggagtgtgg ctataaggtc ataaccgaag tggcaaaaagg 120  
 agatggctcc ttaggaatgc ttntaggatc catcttnttt ggtcaacqac agcgaaccgt 180  
 tggggggagg ccttgaccaa ctgatcgtat ccaaaaagttg attnttncca ccactttttt 240  
 atcggngngc tgtgaatccc ccgatagtga tctttaaata accg 284

<210> 2848  
 <211> 295  
 <212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(295)

<223> n = A,T,C or G

<400> 2848

tcttgacagg	aatttacaaa	agaattttct	cttatttcta	taccccagcc	attatacaca	60
agggtcaat	tgctgcattt	gtcaaggcgc	atttgtgtga	gtgggtttcc	catttgtaac	120
cgaagcctct	gacttttttg	ttaaagccgc	aagggaanaa	aaaaaggcac	cgaccgagga	180
tctggaaaac	cgctaaaatg	cttctttgaa	aaccttgatt	tagtggtccc	tnttctagtt	240
accgcacaga	aaaagaaaac	ccacaacgac	gaggcacagt	ttcnatgttg	cgcac	295

<210> 2849

<211> 136

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(136)

<223> n = A,T,C or G

<400> 2849

nnacacagaa	gaaggggaga	ccaccggacc	ccgcgagncg	canggggacg	cggaaggacn	60
ngcgaaaagn	cccnaggcca	nagggggcac	ggngggggca	aaaggggnnc	cccaccaccc	120
aancgcnggg	ggggcc					136

<210> 2850

<211> 212

<212> DNA

<213> Fusarium venenatum

<400> 2850

ccaacgttg	gggcattgat	accattttac	aaagatatcc	tgttttgatg	acccggatta	60
cgagaacagt	cctgatcccc	aaacctccca	tggaatttca	cggcatctca	acaattgacg	120
acgaattacg	atttgtttct	gtttttgctg	gaatcatttg	aacacctttt	caagactcac	180
gatcttcacg	caatttttat	taaatttcaa	cg			212

<210> 2851

<211> 628

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(628)

<223> n = A,T,C or G

<400> 2851

tgcacacaca	tgcgcgcggc	cattttccgtc	tgcgaaagcgt	tgagtacaga	gatctggtag	60
acactctgga	gcacaaatcta	ttggacgtgg	aggctcncta	tatcgaccca	actgctggaa	120
acgtacacat	tgetgcccctc	agtgttcgcc	caatgatttg	cagcaagaat	gagggagata	180
ttgggtgccta	tgagagaaaca	gcgcgagtg	gcacaaactgg	gagattcgcc	acaaaaagga	240
caacctcttc	aagatcgtct	tgatgaacaa	cgaacacagt	acccgatgag	tatggtatca	300
tggaacgagac	gggattccctt	tggttcacga	agttccattt	ccaggctcgac	atctttttccg	360
tcctgacaaa	gcagctttgc	caccgaccga	gaggttcctt	tgccgcccgt	gcttggaaca	420
tggtcgagaa	gatctaccat	tatcacccctg	aactcctgga	tatgacccaa	aaaaccaact	480
ttttacaagc	tcagacagtt	ttgaaggctt	ggcacaaccc	gtgaacaagc	acacagagaa	540

gacggccaga tntctanaaac accaaacttt atttattcgc atacganacg ttttagcgag 600  
cgacgtccga actactgaat ntttggcg 628

<210> 2852  
<211> 216  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(216)  
<223> n = A,T,C or G

<400> 2852  
nactcngagn ggaactcntt cgaggtgcgt ggacatcgct gtatctcgan tcaagcagct 60  
tntgatctgg acggcaacna cccgcctcgg gatgggtgca tcgctttgat ctcagacctc 120  
ctcggctcgg gtatcgacng cttggttggcg cctggaggat gggttgcnaa cgacaccatc 180  
tcaggcgaca aatnctgagg ctggcgatct actgac 216

<210> 2853  
<211> 138  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(138)  
<223> n = A,T,C or G

<400> 2853  
ntgcttnatt aattgggttta ttnttcngga ggaaataata atngacnctt ttgnttgggg 60  
ctnnccgggt taannaacta attaaangcc tttnggnact tngnanttta cgnttcncac 120  
ccttcnggac atgaatga 138

<210> 2854  
<211> 478  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(478)  
<223> n = A,T,C or G

<400> 2854  
ctttttcatt ttcaaccggc atcctttcat ttctgtcgct acctccttcg ttaaagcttc 60  
ctgctggggc ttgcatatc gtattcccta acaacatgaa atattcgtgt gttcgatatc 120  
gaaatcgttc acgaccagcg ttcatcaccg tgaccatcaa agccactgct gttgctcaaa 180  
aqtaaataca catacatata taatggccga cacagaagag ccccgattca acaccttggc 240  
cgagcgcatt gctgctctca acaaacacaa gagctttgca aacgctcaaa gcccagccc 300  
aggctcctgga ccagttcgca agcgaccgca ccaccttctt ctcggttcgt ncaactatlg 360  
aaggcgaggag tcaaacagtc cagtaatatc gactacttca agncgcgcag aataatccat 420  
caatccttct ngncctcga gaaagngtaa caccacaact cacagggaaa antggcaa 478

<210> 2855  
<211> 581  
<212> DNA  
<213> Fusarium venenatum

<220>

<221> misc\_feature  
 <222> (1)...(581)  
 <223> n = A,T,C or G

```
<400> 2855
aaaaccacca cttgtgatca aaacatttat ttgtaattct aaaaagggtgg taaattcatt      60
aagatgtgtg tcgtgttaga gaaaacaagc caggggcaac tttgaggagg cttggctgtc      120
catgtcatcg gtatcccgtc cttcagcgcc gcgctccga gagactgacg cctttgaagc      180
gcaacaagac actaaagcaa tcatccatca atccaacacg tacgacgacg ctgcttcttg      240
gtcatggcag gcttttcttg gcaaacacca agattctacc atctcctcgg gtctcttcaa      300
cgctacacga cgtttcatgg caacagcctt tcgcgcctcg cctcttttcc ccaaactggg      360
tagggagttt cataaaagan agatccgtta accaactatt ggcataccaa aagtagcttc      420
gcaccactat gacatctaac ccgcgtcaag tcgggcagta ctaacaagcc caaactccga      480
aacttggtta atccgtcgtc gacactggaa ttctcgagac atccaccgga acttgatgaa      540
accgcgtggg cgtagctttg ctgctaattg tccctgcngc g                                     581
```

<210> 2856  
 <211> 548  
 <212> DNA  
 <213> Fusarium venenatum

```
<400> 2856
gctgatgttc tatatcgtgc tcgatggtag taccctctct acgacctgtc ttttgttcga      60
ctcggctatg tatcgccatc tgaggcgagg ttcgtcattc gcgagcctga ccagcttcaa      120
atgcccgtca tattcgaata tcacgttaag gatgctgagt cgacttacga cccaagata      180
tggtcactg caggctttat cactctact gacaacacca ccgacttcac cagcactatg      240
aagtgccctc tggaccccgcc aaaacagatg gcatatgcat ggaggacttc caacaaccac      300
actggcgagt ttcgctccgc tcccaaggca ggagagatgc ctgaccacaa ggatggcctc      360
ttcactttcc tctccacctc gtgcattctt ccccgattcc cttacaacct actcgatcat      420
gctttggcca tccctggctt gaaaaatctt gccaacctgt tgcctacgct ggcatgcccc      480
attcatgctg ttccttgggtg attttattta tgcgatgtt cccgaacgat ttggaaagac      540
gcagaaga                                     548
```

<210> 2857  
 <211> 213  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(213)  
 <223> n = A,T,C or G

```
<400> 2857
gttnaatgcc cacagcatct nttgctatgg gagccatgat ggggtggtgct gctatttttcg      60
ttaatatgta atatcgcncc cgattgagtt gtgagcatct agaagtaata canaccaata      120
atgttggtgn ccgngcctca tttctcaatt gcgtgtgatg tagagacaac gggtaaagac      180
aafgacaagt tgaatggata gctttgtgag tgc                                     213
```

<210> 2858  
 <211> 113  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(113)  
 <223> n = A,T,C or G

<400> 2858



nggcattcca	attgcgggtt	tcaaataaca	acanaacacg	cgcgatgan	acggtcttag	60
anataccttc	antcatatta	tctggggagn	cggaagaga	ctgctngatt	gga	113

<210> 2859  
 <211> 471  
 <212> DNA  
 <213> Fusarium venenatum

<400> 2859						
cgtgatagca	gtctcttggg	agcgtactag	atcgagttga	agaagaagaa	gaaaggaaaa	60
tcataactga	gggcggggac	aaaattttatg	aggtgctcat	tactgtttgg	aaagggaagga	120
aagcacgctg	gtcaaggaag	gaaagcattg	tggtcgaagg	aaggaaagca	ttgtgggtcga	180
aggaaggaag	gaaagaaagc	gcgctggctg	gatgaaggac	tgaaagctgc	gcgtttcagc	240
ggctcaaagt	taagtggcag	tctcgaaatg	atgttcgatg	gtgatggtaa	ctggctggtt	300
gaacctcatg	gtagctgcat	acagtgggtac	actgcgatca	aatgggcca	cggttggtat	360
gagagcgaac	gttaactcaat	aacgaaatca	cgacattaag	tgccaactat	tggaacaga	420
catttattag	caagaaaaca	aagaataaaa	gattggacga	gttttttttt	t	471

<210> 2860  
 <211> 634  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(634)  
 <223> n = A,T,C or G

<400> 2860						
cgaacgtttc	ctttcaagct	cgccggaacc	tatggcatca	tctgccccaa	gatacgtcac	60
ttcggcaggc	ggtanaanaa	gatcgtcgat	acttgagtcg	tcggaatgt	cggtgcccga	120
actcgcgtca	cattccgatc	tttccgacag	cgaagctttc	cgctctcacg	attcttcctt	180
tgacagtctt	actgccaaat	caccgcgtta	cattcctacc	gccgcgcgac	caggccaggg	240
aatccgctcg	acaagccaaa	taagtgtatc	caatgttgaa	caggaccctg	atcgtgtaat	300
ttggcaagg	cggctctacc	ttttgcgtca	tgcagaggt	atgcgccaat	ggaaggacat	360
gtgggcgctt	cttcgaccac	gcaaccttat	tctctacaag	gacgaagtct	gaatatacac	420
ccagatggat	actgccaatg	tctgcgcttg	tcaatgtcgc	caccttgatc	ctnttancaa	480
gagcaanaaa	cattgcttca	ggttattacc	gaggagaaaa	ctntcgtntt	tgccacaccc	540
aaaaaaaaaa	cttttggtcg	ctgtattggn	gccttnaaaa	gcntgctcgc	caaacgttcc	600
naacttggag	ctcgcgctgc	cgncacanat	cana			634

<210> 2861  
 <211> 573  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(573)  
 <223> n = A,T,C or G

<400> 2861						
gtcacgcccc	aagcgacaa	tggcgctoga	cagcttcaat	ccactcaatg	agctgctaaa	60
gootgogaat	cccttctata	aatccccgca	gtctattttt	cgccatgcag	aaagctcgcc	120
aagtcggtcg	ccagggccca	ggccagggcc	ggcaaaagag	ccqaaaaggc	gccnaaagcg	180
aacagaccaa	ctataaaact	cgaaaccgac	aggccattcg	agcggtgtgc	tctqanqtec	240
gacagaatct	tcaggatgcg	cgccgtgctc	cacanganga	ttgggaattg	ggctctatcg	300
cccccaaacg	tgatctggga	ttcaatgggt	atggcatggt	cactgaaggc	gtncgaacgg	360
attggtecaa	ctacgggctc	tacagccctc	gacctgagat	attgatnaaa	cgatgtacct	420
gggtggtggt	tgtgaaacaa	cttaaccttg	ctgtttctqa	acnaatgggt	atcatgggat	480

gtccncacaa gggaaanatt gatcgntcn agtctatcna cctccacgcc gggngtgtn 540  
ctctttaaaa cacaaccngg ctatctctgc ngg 573

<210> 2862  
<211> 578  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(578)  
<223> n = A,T,C or G

<400> 2862  
aaaatncagt cgaatgagaa agaatatcng caagagatgt gagctcttgt ttgttcactt 60  
caatgccgct gcatcccccgt gttataagtg tncacgggat atgacgntag gtgacgtaaa 120  
tcgggggttga cagcgctgat gcaacacgcg acagggttcag gaaagacttc ggctccactg 180  
aatcgagaaa atatcaagga aatagtggca tctcctgcta tttttatttc cttgacttga 240  
ttctttcata caaatgaaac acgtacgcgt gcttggnngtg ccgaacgccn atatttcgaa 300  
tctcgtcgtc ntccgtcagc cttctacnan atgatcgcaa nnggagagct accngaantt 360  
aatgggtttaa taatccggcc ctgganttat atggattgca gtagatatac nngagaatat 420  
tctttgaaag gaacatgcag taagtactct gcctgtcctc agctcagagt aatagagatg 480  
aaattagtgg gtcagtttat gctattccan aacatangtg cggttcactt ttgtgcccc 540  
aaagttnngc tcacttnacc cacancacag ggnaaaaan 578

<210> 2863  
<211> 114  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(114)  
<223> n = A,T,C or G

<400> 2863  
ncagaanttg ctgcaggaag acatttagac actggcaaaa agagctnate tttcctgggg 60  
ggcntgaaag gcanagacng atangttgtt tttttccccc tgnnacagaa aaaa 114

<210> 2864  
<211> 629  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(629)  
<223> n = A,T,C or G

<400> 2864  
atcatctttg aatcaagatc gcgtagcaaca tctgaaatgt gngggggaaa gtcaaaagat 60  
ccccagccgg aanacaagag cgaggcagct canatcaaag acgctgtagc tganaagctc 120  
ccctcaaaaag agcaaattct caacaaaagta caggaatctg tcaaccaaac cggcaagaac 180  
ggaaatgtct tgaacgacat ggctgagggc tacggccctg attcaaccga ttccaatatt 240  
cgatatgcag cctatgccac tggaaatccga acgattcttc tctgggcgca tcgatatgtc 300  
gcttacacct ccgatatagg cgagtcgttt aggcgggtgg ctcaaccgaa cctcgtccgt 360  
gggtgcctaag gtgtatcttg gttgncctta ttgggtgatgt ctctgacgaa gyctacaagt 420  
catactggca caatcagngg gtgtttgaac cccaagctgc aactcaacc cccgtcaaaa 480  
aaaagncact ggtctgcctg cccttgaaac acgtgcggnc caaccggga cgggggcacc 540  
acttccnatga ttacccccc cgttatggtc aancggcgaa tntttcanaa gtgncgcaag 600

tttgggacca ccccgttttt acnaattna

629

<210> 2865  
<211> 122  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(122)  
<223> n = A,T,C or G

<400> 2865  
nttcagtgga ctgtttgacc gngncgacat agagggtgccca ccancgtinct ttggtnaaca 60  
caaaaattan cccattggta nggntgacgc ttgacacaac gncnccttg ggatcanggc 120  
cc 122

<210> 2866  
<211> 136  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(136)  
<223> n = A,T,C or G

<400> 2866  
naccnagcaa tnaccggggg gtgnaccntc tcaggcggtc tgggtcggna ncgttacaga 60  
ntttggtatt tggacccttc aagcccggan gacccggtg gtttcattga ttccaacaat 120  
aaggaggcaa nctttc 136

<210> 2867  
<211> 121  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(121)  
<223> n = A,T,C or G

<400> 2867  
ngggggaann aaaaaagncc cccggggganc naaccggggg gggcaaaaag ggggaaaaaa 60  
accgggcccc aaaaaccccn aaaggccngg ggcgggcccc cgnaangggg gaanaagggg 120  
g 121

<210> 2868  
<211> 108  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(108)  
<223> n = A,T,C or G

<400> 2868  
nacaccccc aagaccanacc cnaggaccac gagcacacaa cnacgnggag acgacaacnc 60  
aggangcgac gagaaagagg agachacacg acacaccacn ccacgaga 108

<210> 2869  
 <211> 442  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(442)  
 <223> n = A,T,C or G

<400> 2869  
 caacatccgg aaaccatcca agatcctcaa ctgtgcgggtt ttgccaatct gcatagcagg 60  
 cgcacactcg caatgcctta aanaacaaaa gtctattcgt gccnnggcgg ggtttatata 120  
 tgacgagatt cggtttgctg ctgttcacgc ggtaatcgcg gtgttggaag atgtttggaa 180  
 ggagacgctt aatgaggaga tgacttggaa tgagatgttt gtgaacttga atgaccagnc 240  
 acttgtgcta tgagattggg ttgtgtgtat gcatttgcct atgaacttga tggagtttgg 300  
 atttttgtct tcgattgggc gtcagtatgg taacggngaa atgagaggct tttttttagc 360  
 tgnagcaagg actttntgta ttgaaggcac ttcaatcata gtctcaacta tgaattactc 420  
 ataatccnaa tatectcaca at 442

<210> 2870  
 <211> 444  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(444)  
 <223> n = A,T,C or G

<400> 2870  
 ggtcttcacc cegtcacaag tctacttcca gtgtcaaaca ttgcattgcc acgaatcgat 60  
 atcttttccct ctaogaacac aaccacacct caaccttggc cgagtctttc canacaatgc 120  
 tattagcaac cgtgcgagca cctacaagaa cattgccagc ggntatttca gccgggaatt 180  
 caccattcca naagaccgtt tagacgcttt taggggtatt acggaccact atgctcactt 240  
 agatgatect ctggacagtc ttcttggcct tccgctctat cataccaagg acttcaagaa 300  
 cctgccaaat tctaaccgga cagaccgttt gccgttggct cggntgggtc taccatcctn 360  
 caaganatgc tgattttatcg nccatctnt gcagcgccaa ggccattccc tnattganct 420  
 ggtcgggtgg aaaattccac ctg 444

<210> 2871  
 <211> 118  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1) (118)  
 <223> n = A,T,C or G

<400> 2871  
 nccaaccaag gggcccnggc cggggaccaa gggggncgg aagaacccaa notccggggg 60  
 acgaggacac ccgngggagg gggggaaacg ggcncngggg gccaaacngg ggaagccc 118

<210> 2872  
 <211> 586  
 <212> DNA  
 <213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(586)

<223> n = A,T,C or G

<400> 2872

cgctcgcat	gtttcgctca	gcccgcgtgc	tgccgcgtgaa	actcctgctt	caaccggatc	60
gatctgctgt	agaacggctg	agctcagttt	caatgcgcac	gatgccccag	gtcctacacc	120
aactgctgcc	gccgtgcttc	cttccacatc	cacttcgaca	ccactgatat	tcgaaatgcg	180
gcattctata	cttatgcata	acctcgacac	cgttgtgctg	aaggaccctg	tcttggcgcc	240
tgagtcggat	gaccgcgggc	caattaacat	ctccaaggcc	atcgtggaat	cagccgagac	300
agtcctttac	ttggtgatag	angcccttgc	aatatcatcg	gtcctactta	gcactaccca	360
aactgatcct	gctgaacgga	tgaagtactt	ccaggcgggc	gaagaacttc	aaactcaagc	420
actgagtcct	ttcaatcaat	cccagggtcca	agttaccaag	ganaactgcg	ttaccaatat	480
ttctttttct	atccttgcgt	ggtatgcacg	ccctgtttaa	tgtcagcaat	gccggaacga	540
atcaattcat	tgccaaattc	gttcaatata	tgcaagtcca	tcgaag		586

<210> 2873

<211> 126

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(126)

<223> n = A,T,C or G

<400> 2873

ccgatttggg	gagggcagacc	aaacaagtta	aggccgattg	tgatgcctgg	aagaagcgtg	60
ccgggtgagct	ggangcanag	gtcaaggagc	ttaaggatcg	cccacntgct	gagccagctc	120
aagata						126

<210> 2874

<211> 458

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(458)

<223> n = A,T,C or G

<400> 2874

ctcgaccgac	tgcgatactc	gtcccatacc	gaatttttctg	tctacaacct	gctatgggaa	60
cctgcttttt	tgttacgcca	taatgggagc	ttgcgcacat	tgtttgggac	gggctgatgg	120
caacagctac	gatgaggagg	aagagagtcg	cctactttac	gatgaggcaa	atggaatgca	180
atacgggcagc	tttggagacc	aagccataaa	tggcgagaac	gataccctcg	aagcccaacg	240
cgagaacgag	gcattacaac	gagtaatagc	caaaacatca	gataacatgg	tagacatott	300
cgatctctgg	cctcaagada	atqgaaatcg	tggaaccaca	acccctctcg	cctatgctgg	360
ccaaggngca	ccgtnltgct	cgataccagc	atnttgnngc	aaagctcggt	acccaggggc	420
aaaacactnc	tgttaacggc	gtcaagggtg	actggctg			458

<210> 2875

<211> 588

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(588)

<223> n = A,T,C or G

<400> 2875

gaaaaacctc	agccgtacga	cccttactgg	tacaatagtt	cagcaaaacta	ctgggagctt	60
gcgcgtgtga	cgtgtgaccc	taacgctccg	tcgcgcaatg	tccaacaagt	ctcagacttt	120
aaagctcctg	tcgagtaccc	atcgaactgg	agccccgaat	atgcgtacag	agggtatata	180
aagaattgga	ccgcctccca	agatccttgc	caacagccac	atctgcgtca	gatgcacggg	240
agttttgttg	caccccttag	cttgtoaact	tctaccgaat	tgatcccat	gttcggcgga	300
tccaagctcc	caatgaacaa	cgagattttg	attcctgggtg	ccatgtatct	cacggctgat	360
gagttttact	ctggaggaga	caagatgggc	ccagcatggc	atgccaagaa	gacaggtatc	420
gtgtggaagg	gcgatgcgtc	tggtgggtgag	ccgaaggctg	acgtttggca	ccgcttccat	480
cgtcaccgtc	ttatgcagat	gctaaacggg	tcatatgtcg	acagtgtcga	ncatgaaggc	540
gtgaaaccga	aaactttcca	ctaccagacc	agaacactac	aacagcac		588

<210> 2876

<211> 579

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(579)

<223> n = A,T,C or G

<400> 2876

tgaaattctt	gaccttgaat	tgtecgctctg	tgacaagact	atcctaaaaag	catatgtata	60
taaactcacg	aaaccaacta	ccacttccaa	atagcacaaa	aaccagttt	caaccaactc	120
tattagaaca	tatataatcc	gaattcaaca	ataagtcctc	ccaataccgc	tacaatggga	180
agaattgata	tggaactcga	actcaccggc	ctagccactc	tggtttctaa	gctcaacctc	240
gactgtccgg	agtctttcga	gaatccaaga	agcattgctc	gctatcaaga	ataccctttt	300
gctgcgttta	accacgacga	ggatcagcct	gatgtcattg	acaagaacag	tgctcgagtat	360
cgtgtacgcc	tcgctaagg	nattcgccctc	tcgacaatgc	ctacgaaaag	acttcacgaa	420
gtaccaagcc	cgcangntg	cttcantgga	aaactggagg	aaacaacagc	natgtggacc	480
cgttttntntc	gaccaacctc	caagagtcnc	catcgnngna	caaaaaaacc	ggttttgacc	540
gataannttt	atgancattt	ggaaggaacc	cccactcag			579

<210> 2877

<211> 156

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(156)

<223> n = A,T,C or G

<400> 2877

ntgaccbaat	ggatnccttt	cctattttang	ttggggcctt	aaaaaagaat	atgaaacett	60
gggttgggtg	tgntggtaaa	aatttggccg	tttaggcact	tggttaactt	gatanccgtg	120
actttnggtt	tntgaaagnt	tgaaaccnat	ttttat			156

<210> 2878

<211> 1112

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(1112)

<223> n = A,T,C or G

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<400> 2878
catgcctcgg gcagctatcg gccgaaatga ttccgaaacc gatcaccctt ctcttttttt 60
tggtattctt actagtggcg accgatactg acgatacaaa cccaacatcg acatccggat 120
gcaagtttat tgaaaagctg gatgattctg ctggccatca ttctgcccac tgatcgctgt 180
cgactgttgg ggccggggttc gatcacggct atttcttaca tcatttgctc tatctcgttc 240
ttcgacgtat gttctggggg ttccacgacat ttggctcggg ttgctcttga tggcgagggg 300
gttatactat ggataaaccg tcccggtttt ctatgaataa cctcagcgcc ttcaggagac 360
tttctgaac ggcatgtccg gtaactctcc ttgctagggtg tactagacct gtgggttctt 420
ggctgcatta ttcgatagta gcctcgcacc tcggatgccg gatattatcg ccgattatac 480
aatactcgtc cctgggctga atttgggttc gtagtacgat acgactctat tccgtcgatg 540
cggtagacgt ttgatccgc ccagcaggca tttctttcat gtattatttt tcttttactt 600
tctattacaa tgctcagacg gttgcttttg actttgaagt ttgcttcctt cgggggcggc 660
ttctggggag gcgacagggg acgtcttggg ggtgttgagt tgatcaagga gttgtcatcg 720
acactcgggc gatgatggtg atagggtcag aaggtaactt ctgatggcag agagaatagt 780
gaggtttacc ggcccgagtc aaggctagcc ctggctctgc actcccttag ccttgatgaa 840
tggaatcaga caagtggaa gctcaataacc ttgcagttag tacatctctc ttttcaggtg 900
ttacttggcc agagaacagc atcatacggc atggcttggc aggtgctgtt acccatgggt 960
ggcgagtcaa aacatcccac tgtgggcaga aatattctac gtttgcttaa actcattgca 1020
tttgcttcca ttccgggtc gcttttgggg cagcataaat agtttacatc ttgcgtcgcn 1080
ttttgaattg atcaaggaat ttcacgcacc tc 1112

```

```

<210> 2879
<211> 273
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(273)
<223> n = A,T,C or G

```

```

<400> 2879
nngccggcgg gnetggetta cagtaatagt caatatatcn tnagggtacc taatagaacg 60
gattggaggg genctgtggn ggcccccttt ttactctnaa tcaggacatc attggtgtgg 120
gggagaaata aagccaccaa ccgnttccaa tcttcaattc aaattgccac aagatgccat 180
caccgaacga atagaaccac atgatgggnt ctggaattta atccnggtag aagaaaatgg 240
aaaaatcatg gatcattata gtccgttaaa aaa 273

```

```

<210> 2880
<211> 116
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(116)
<223> n = A,T,C or G

```

```

<400> 2880
natntaaacc nccntggcct attgnacgat taaagtcgga anaagnttcc nccgaatttg 60
cccgggggcn cnattcgggt ntgaaagatg aagcgtgttg nctaccattt gggcaa 116

```

```

<210> 2881
<211> 189
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature

```

<222> (1)...(189)

<223> n = A,T,C or G

<400> 2881

naaancggtg	gacncggaat	tggattttcg	accaacgggt	gnaggcgagg	gactgaatcc	60
ntgtcattan	ccgggtccaa	attagaagag	atttagangg	caggatttca	cccacaacgt	120
tccccatct	ccttggtcgc	aggccagac	agtttgatcc	tttgagttag	cacctaccta	180
ctgcgttgc						189

<210> 2882

<211> 437

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(437)

<223> n = A,T,C or G

<400> 2882

aatttcacag	cgacaaccgc	cgccatgggt	acgtgaagat	attgaagttc	agcctctgta	60
tgcgagtaga	ggaggtgtgc	gcttctgtgc	ctccttttct	gcgaccaatg	caccatcttg	120
ttcgcgaag	cgcaagacag	agttgctatt	ttttgagcat	gcttgaacaa	aaaggctgac	180
gatggcttca	ccctacaggt	atcgatctcg	accgccacca	cgttnaaggc	acttcaccgc	240
gactgcccc	angagcgaca	atgggtctacc	ttcaagctct	tgggngaagc	ttttaccggt	300
tttctggctt	cgcccgaaac	cgatgccttn	ttttcaaaca	angggtngtt	tctttcgacc	360
ggtctggttt	tactttccna	agaatcaaac	cogaaccttc	cgggtnttcc	nttggtnccc	420
ggtnattingg	tcggccc					437

<210> 2883

<211> 361

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(361)

<223> n = A,T,C or G

<400> 2883

catcaccacc	gagagctccg	tacacgaggt	agagcaaacg	tgtggctgtc	tttaagtttc	60
aaacqttatt	atctctccgc	gaccggattc	acaaggctgc	gccgcgcctc	ttctcttggc	120
tgcgaaatct	ccttgacttt	gatcccgccc	tttgcgatag	catattccac	tttaactctt	180
ccacgcgcac	acgcgattct	tcgctaccta	cttcctttaa	cctcagtcac	gcacgcctat	240
cgtgcttntt	tccacaaacc	cgagacggcc	gagcaaaaca	tcaatcgtta	accgcttaac	300
acgaatgacg	tttgcgcaat	ctcgtgcgga	attgttaata	aatcacaat	ttactctcca	360
g						361

<210> 2881

<211> 368

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(868)

<223> n = A,T,C or G

<400> 2884

ncaagaaaac	acggcanttg	cttaaaccta	cagggttcccc	aaattttaaac	caggaaatta	60
------------	------------	------------	-------------	-------------	------------	----



atccgtgcct	acttctgccc	ctgggtctccc	gaaccgaaca	ggaagcggga	naattgccag	120
gttggtttaa	tatcggacta	tctcatagcc	tggaaagcta	tgaaccttga	aaaccactgg	180
ttgaaaaaac	ttggctggga	aagcctgatg	atgttccgtg	agctatgtnc	aacagcaaag	240
cgtgagacct	gtgttttacg	gttccacact	tactgcaata	tctatgtctg	gacagcgaag	300
aagcctggcc	agccacagta	aaaccgtggc	tttggttcag	aagaaattgc	caacacaggg	360
cacaaatata	gggcatatct	ccatgaagct	catgaacacc	gtatgaaatc	catcaaggca	420
ggggtttagac	atggccttgt	tcttcaattc	tttgccaggg	tagttgtaag	cccaaaccgg	480
ccccgggcaa	gatggcgtgg	ttacaggcgc	ggtgagcaac	cacaccctgg	cgattcctaa	540
atgataccac	gattttccaa	gcattttaca	gtgcttctct	cttctcatcc	gttggcggtc	600
cctcgagttt	caagagacgc	ttctccttaa	aatgagtgtg	gcactgacgg	ctagcgacaa	660
agatcctagt	tggtatcacc	aacagcgggg	ttttgatcac	atcaacatgt	caaccattat	720
gaaaaagcct	gtcgatcggg	cgaattttatc	tgaacgctag	acactagtca	ccaggtcaaa	780
atcgtttgcc	aangggaaca	atttcaaaaac	gcgtttattg	gcaacgctcc	attatggtta	840
ccgcgcgggt	tgaaaaaaaaa	anactgtt				868

<210> 2885

<211> 529

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(529)

<223> n = A,T,C or G

<400> 2885

gttatcttga	ctgggagttg	gtgaagatgc	tgatgttata	accgtgtcgc	ccatgttcaa	50
tcttatcaac	agcaattggg	ttatcgccaa	ccaggtttgg	ggctacaacg	attcaaccca	120
taagtctcag	gatattcccc	gacgtaccac	catcgtcaca	cagtctcgtg	tatcaaagag	180
ctactaaaca	tcatgcatgt	tgagaatgtc	cgtggcaatc	atgttgcttc	agaaatgaca	240
ccgcaaacag	tgccctttct	gcattggcctc	aaggcagtat	atgctcctca	tctgttttcc	300
atggaccgtg	actgggatgg	aaaattcctg	aacaaatggt	tcacctgggc	gaanaacggt	360
gaatgtggtg	gcgcgggtac	cccatgggct	ggggccgaaa	cgcaaaacat	tggtcaacct	420
gttactaccg	gcaatacccc	accgactttc	acactgggaat	ggctgcaana	acagggcatt	480
ggtggcctaa	ttggaaaaaa	acatgaactt	catgctgctc	cggtttctc		529

<210> 2886

<211> 479

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(479)

<223> n = A,T,C or G

<400> 2886

agaggaagct	togtcgggtg	cgccgctctg	agagaccctg	acaccaatca	cagtgcacaa	50
agatctcgaca	acgggggaac	aadcatccga	gacgttgcaac	ttgccggccg	tggcacaaat	120
ggcgagtgga	gogacogtga	catactacat	gattcangtg	gtgtgagtc	tctcagtggt	180
gactcgggatg	atgacgaaca	agttcctgcc	attactcctc	ccccagcgat	taaggaccct	240
gttgcacgac	aaagtcacag	tcccttaaga	gactccaggt	ttagagagaa	cttggacaat	300
tgagtagaca	atacgccaag	acaaggtnac	ggacaatgaa	ttgggttggg	caagttggca	360
naatantggt	tgccgtataa	attgggtttc	ctggtttctc	gtttctttga	acgttgacgc	420
ggttatttaac	aaaacggtac	ngtltatgat	tggccactac	tagggttatg	ttttgccta	479

<210> 2887

<211> 542

<212> DNA

<213> *Fusarium venenatum*

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<220>
<221> misc_feature
<222> (1)...(542)
<223> n = A,T,C or G

<400> 2887
cgtgcaatcg catcaatggc tcaacccgtcg ccttttcctcg agccagggttc caccacttct      60
tctgggtgacc tggcgatcgt tcttctctca cgcgacaacc ttgaaccctg taccctcgag      120
gagtcnactg ggcgcagttga tggctacctc gaagcgcaac cctcaacaca cgattcggat      180
cttttcctca ctgcacgtta ctcaatatcc cttgggggatc tcaagtccgc gcatacaatg      240
ttgatnctgg atcaagaaga cgaaagcgcc gccgtgaagt gactgacgac gacacaccaa      300
caacgactgg cctgatgaaa agttactagt gtcnaatcta agcctgcgaa aaaggggtgtc      360
gtagcacaag tggcttttatt catattcttc gaccgacccc gaactttgga ngacanctcc      420
ccttcgaacc agttgtttata ctccgattac agctacatcc tacagaagat acaacaatnc      480
cggtatcnca tatcaaacag ggcgggtgtg gtngttrraa cactctctgc nactgttttc      540
aa
542

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```

<210> 2888
<211> 499
<212> DNA
<213> Fusarium venenatum

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```

<220>
<221> misc_feature
<222> (1)...(499)
<223> n = A,T,C or G

<400> 2888
ngggcgccag ngtgctggan ttnagcacat acaaaccaac taaacgaaca aacacacttc      60
aattgtttta cacaacaaaa tcaataactt cacaatgaca acaaattcat tcggatcagc      120
tcttccccgc tttgacttcc accagccccc agctcccaga ctcacagcga gactggcccc      180
ctcattaccc actgcagcgc tcgtcacaac agcagcagct gcatacgggc tcacatatata      240
tgtcttcaga cagcaatata caatggccaa ggctcaacac aatcgagctg tggaaacatt      300
aaacgaaatg aaagagcgtg ggaataaaac ggacgagtgg gtgaaaaacg atgcattatg      360
gtggacggca ttttgaacag gacacgagaa cgggcatgga ctagcgattt gaaacatttt      420
tatgcatttt tgggaatagca tatgagcaga gacagtattt aagcataaga atgaaattaa      480
tttatgacca tcntaaaaa
499

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```

<210> 2889
<211> 324
<212> DNA
<213> Fusarium venenatum

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```

<220>
<221> misc_feature
<222> (1)...(324)
<223> n = A,T,C or G

<400> 2889
tgcattcttt ggcgttccaa agcaaagtaa ttgatncana gcttcattga acttttccctn      60
tcacactatt caccatgacc aactccgagg ttcaaacgcc taccaatagn tgntgcacag      120
cctgtttgca agccagngat cttggaacac atgactactg cgtgtanaat cgacagaagg      180
acaaacccga ccqnacgccc aaacaggntc attcaaaaagg gtgtgatggg aggagtcctg      240
ggttccnaaa gtccccctgg aactcgnaca aacttltgna nantgcaggt tggggccctc      300
ontgtccgcc cgttcngggg aaaa
324

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```

<210> 2890
<211> 628
<212> DNA

```

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(628)

<223> n = A,T,C or G

<400> 2890

ttccagtcac	tcgtttaaca	atctcggtgt	tgatcacctg	ctgggtccgtt	acactccttt	60
gaatcactca	caatcgactt	gtgtgtttat	tctctacagc	aaacggctct	cgtcactatt	120
ttccctcctc	ggtgaaaaca	cttgcgcaaa	tcactatcac	aaccaaaaag	aaagaaggaa	180
aaaagcaaca	tccatgaaaa	atgcgtttcg	tcaattttat	caccgtcttt	atcggtctcg	240
ctgccgctgc	gcctgctgtt	gcacctgctg	ctacacctac	caaagatgaa	atgatagccg	300
tgcgcacttc	aagctccca	cgnttctggt	gatcccttca	cctattggac	ccgntaccta	360
tgaatcgga	aggcctgcga	tgaggacacc	tactttgggg	cgcgaggccc	tnaaggacac	420
caagcgggca	aaaacgggaa	tggnqctgac	ctctggcaac	tttcgggaacc	caacgggactt	480
tnlcncccg	ngcttgtgaa	acncagcgag	tttgcttcga	acggccnctt	gatngggcaa	540
gctggtcctg	gcgtttccnc	cggccaccan	ggattgatgg	cggngccaaa	aattggggac	600
atgcaaaggc	cgttttgnaa	ccctgagg				628

<210> 2891

<211> 626

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(626)

<223> n = A,T,C or G

<400> 2891

caaaccgcca	tatcgaatct	tcagtacctt	agtgtcattc	aatccgatgc	tgatcccaga	60
tcacgcactt	cgagttccaa	atcaggacct	ccatcggttc	tttctggagt	cgaaacagcg	120
cacgagacac	tgacaccaga	agcacgacat	gtaccgatcg	aacgaagcgc	atctgctgag	180
cccaatggta	acgcctttgc	cgctattcgg	gatggcatcg	taggtcttaa	tctaggcaaa	240
gggatgctcg	ggcaacttac	tagcaccggc	gagactgcct	cgtcttcaaa	tccagctccc	300
gcacccactc	gtaacgatca	ggagctaaat	gagatgacat	agaaggtcat	gtttccggag	360
tcagatcctg	gcccatactt	gatcgtcgaa	acacatgatt	ctgtcaggta	ttgctgttcc	420
tggtcacaca	cactggcagc	cccgccgctt	ttggatacag	acttcgctat	gtcttcaagt	480
tggggtagta	ttcgagtggt	acccggcaac	ttgagtggaa	gaatgggagt	acatcagacg	540
gtgcgactgt	gaacttctag	agccttgctt	tnatgtcacc	cccaacgctt	tcttgacca	600
aaagaaaagc	ctgggacgcc	tcgtca				626

<210> 2892

<211> 213

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(213)

<223> n = A,T,C or G

<400> 2892

nccacnagct	ntttatgttc	nagggacntt	gttgggcata	ctnattgctn	acacccacat	60
aatactntga	cgggangact	actgttggac	attcttntga	atgacaagga	taactntctgc	120
tggtcctcga	caaagctatt	ntttcaagtg	aaacatgcta	anggtgctaa	cnccaccaac	180
ctttgtnac	gggantatta	atacttcaag	att			213

<210> 2893

<211> 786  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(786)  
 <223> n = A,T,C or G

<400> 2893  
 attcctcttc caaaggcttt caaaatctag ctccacttac agtagaccga ggtcctaagc 60  
 tcatactgcc gatcgcgata gctatctctc aacaagactc acaccccatt gccgagtatc 120  
 ctcaacttga ctttttttagt tctgattttta acccgaaact atcgcaatgg ctctctctac 180  
 tccccactgg cagcaacctt cccaccaga catccaagaa gttgtcgtcg taaacgcccc 240  
 agaattcacc accaagagta tctctcgggt ctctcttcca ccttttgcag tatatgcaaa 300  
 gttcgatttc cugcctttga cacctgccag cgaacctacc tacgctactg tccagaccgg 360  
 ccgcgatacc cacttcagcc tgaacagtga tctgctgtac atcaaccatt cttgngaacc 420  
 tactcttctc ttctgatgtg gaaacttgaa cattcttgtc ggcccccaagg gtctcaacgt 480  
 cggcgacgaa gctgacattt ttctaccctt ccaccgaatg ggacatggcc caaccttttg 540  
 actgtntttg cgggacacgt tcttgccgng gtcgcatttt gggcgctcga aanatgancc 600  
 aagcccagct tgatggnatg nggcttaatg gccatattat acagntccgg ccgancanat 660  
 ggntctttcc aaaaccccca caaccaatgc cctttgggat gttgttgttt attcttaaaa 720  
 gggttttgga atcacttgtt tgcccttcgg tcggacacca acaatacccc ccccaaaaag 780  
 gacccc 786

<210> 2894  
 <211> 190  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(190)  
 <223> n = A,T,C or G

<400> 2894  
 natatgaaca gcccnaggan aatccatctt ccngggccna ggtcgggtct ttaagacact 60  
 cttttaagat ttggngcat gttttagaan ggatccccct ccaaaaccga caccagaggn 120  
 cttgtcctac aacacaactt gggaatnang gttgcccgaag caantaaagt ttttcgngga 180  
 tttccccac 190

<210> 2895  
 <211> 156  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(156)  
 <223> n = A,T,C or G

<400> 2895  
 ncggcgggn atttntcatn taagagggcn tttcancttc agantcactt anttccatgg 60  
 gatttctcta attgggggaa tttntcaaca gtttctngga acctnttten ttgaaanctg 120  
 cctgnttgc tttangnag cttggcctgg glnaan 156

<210> 2896  
 <211> 568  
 <212> DNA  
 <213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(568)
<223> n = A,T,C or G

<400> 2896
gcgatgcctt actgagactc tatcatcgcc aaatgccatc tggacattga catcgntcat      60
gctgcccaag acacccgagt ccgatttcaa gcgtgattct gccaacccnc tggttgaggc      120
tatcatgaac tatgagctcg ttcacgtcga ggcttacatt gtacacgtcg acatggtttt      180
gcgaaacgag gtagcctaca agctcacaaa agataccatt gatgctcttg ttgagtacca      240
caaggagatc cactgngtcg atgctaagge caacacatac gactggaccg acaaggagca      300
acagtgaag aagcttcacg aggattttgt ccaggacatn acaagttggt ttccgaccac      360
gtttaagccc ttgagggtct tgaggagaag gtgccggnaa ctgttttgcg gaagaagtna      420
ggagggtnaa aacaacatna gggctttnat gaagccctta ttacccctcn tcttcctggg      480
gtaattgaag tnggcgggaa accaaaatgg tggcaanttt ccggntnaaa aatangggca      540
naactggntc canggaacch ggttgccg

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<210> 2897
<211> 136
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(136)
<223> n = A,T,C or G

```

```

<400> 2897
nagnatctag ntgggntctc ttgcgtacac ctngntgaac aagatgggac angacggact      60
tgangccaac aggnatngca taccgattga cccangtcta caggaagatg atgcgaatca      120
tagccatcat gacctg

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<210> 2898
<211> 581
<212> DNA
<213> Fusarium venenatum

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```

<220>
<221> misc_feature
<222> (1)...(581)
<223> n = A,T,C or G

```

```

<400> 2898
tgatgtccgt agtcggggat gttgactcac acgacgccgg ataccgcctc agcaaccctt      60
caatgcagcc cgtttccccc cacacttaca tggctcagca gcagcagccc gcctggaaca      120
tgtatcccggt ctactacccc caggctcagt cctcggttca ctgaaggacc aaaatcagcc      180
gggtgacctg tggccgggtac ccgtcctgac caccgccggc gcctgccgct tcgatcagct      240
cttggttggt ttctctcaaa actgcctgct tatggccact gcagantcac tcgcccatac      300
actgggtccg actcgaatag acgtggggtc cgtatttctc agtctcagaa gccagcttgc      360
ctgctcgcct catccgatca cggatttgat ccggagctct atagacacng cangcatgac      420
cggtccatgg angcattgc aatctttgcg ccccttcaaa caatgatatg ttngcttgca      480
caacctacgc cagaaanact ncgcgactgt gcgangacta ccgacccgct nagtyccaac      540
tgacactcct caccccaatg gcttgactaa ttcattgggg c

```

```

<210> 2899
<211> 415
<212> DNA
<213> Fusarium venenatum

```

<220>

<221> misc\_feature

<222> (1)...(415)

<223> n = A,T,C or G

<400> 2899

ctctttgcta	cagatacagt	gccaagaggg	atgattatgc	cagaacttga	accaacaaat	60
ctattgtttc	tcatatgggg	tttgggtctt	cggagattaa	cgctattgnn	ggaggattca	120
cttccactat	ccccgggtcca	ngaattcggg	aggatgttgt	cttaataacc	ggggtttcgg	180
gtcaatacat	acaatggacc	aacaganaca	agtttagtga	tggttggtgt	atggctcatt	240
actgtcgtct	ttttgaatgt	gagttgagcg	aaattgggtct	tctgnggagg	ccaagtttgg	300
tgtcgctatg	ccattgggtg	gcatacagtc	attcttatgc	ttcgatcact	cgtcgcactc	360
tcgaacaata	taagatcagt	gatatgattt	ttcgtatcac	gtatccaaaa	aaaaa	415

<210> 2900

<211> 223

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(223)

<223> n = A,T,C or G

<400> 2900

ccccagagcg	gnatcagcac	tggttggtctt	gccatcggtg	ctctgctctt	ctcctccttc	60
gctgctgggtg	ctttccagct	gtaagactcg	tcaattaagt	ttgcgtcttt	tctctgcggt	120
ttccatcatt	ctacatcttg	tcaataatta	ggaggggggtt	ctataattat	ctatgtatct	180
gcagttggcg	ataaaacaat	tgaacattta	tttaataccg	tnc		223

<210> 2901

<211> 145

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(145)

<223> n = A,T,C or G

<400> 2901

nrcgatatna	aaccangtgc	nagaaganac	atacgngct	ctnatagata	catccatncc	60
aacaagaaga	acgatatcat	ccaacgtgat	gcttgagntg	tctattagnc	accttacctt	120
taattnatct	cnaggcttgg	ccccg				145

<210> 2902

<211> 119

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(119)

<223> n = A,T,C or G

<400> 2902

nnaaaagcga	canaaccggg	gcgggaccnc	ccccggcgcaa	ngacaaaaan	aggagnaggg	60
cnccngggggg	gagagnncac	ggggccaacc	agcgcnngggg	cgaanaagaa	gnccccgaa	119

<210> 2903

<211> 185  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(185)  
 <223> n = A,T,C or G

<400> 2903  
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 gagangttgg agccttttgc cgaagcatcc ttggatgaac aagaatctca gatttgatct 120  
 ttatagattc ttaccactcg gtgcattgat caacatattt atcttctttt tacttggtta 180  
 aaaaa 185

<210> 2904  
 <211> 271  
 <212> DNA  
 <213> Fusarium venenatum

<400> 2904  
 cggaataga tgtacacaga gccctccaat tctgcacct caagaaacca gaatgtcagg 60  
 tctaacgggt ggtagacca accattaaaa ttgaaggata gcggcggcac ggcgactaga 120  
 ggattgtgaa ggccagcatg ggcaagtcaa cgcccgccct gaatategtt agtatttgag 180  
 gagaatcggg atgggatggc tgcaaggctt cttatatagt catgagcagg cagcatgt 240  
 cgagtcaaca aaatacaagt cgtttgcatg g 271

<210> 2905  
 <211> 686  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(686)  
 <223> n = A,T,C or G

<400> 2905  
 catacatcct catattttccc ttgcacagag ctactctgtg acaaaaaaaaa acctacaagc 60  
 actacttata tacaagacgt caccocatca ctcatcgcta gtgcgcatcat taccgtcgag 120  
 tgtacgtcat cctttggcta agccaagcca tttcaacgcc gcaaacgagc aacaagttat 180  
 ctcttgggtt aaaagcaaat tttgtttaat tcaagcattt cccaaacggt gcttactcaa 240  
 ccatctttct cgtgttgctg cgacaaaata acacaattcg cgratcttca tcttcaatcg 300  
 caacgaccat cacaacaatg gcgcccactg acgatctcat ctttgccgagc gacttcagat 360  
 gtggctctgg ctacagttac agctacagta gaaacagatg ttatcgaaac agctggctct 420  
 actggggaag ctgggtagtc gcgggcattg tcatcttttt ctccttctct ttcttatgtg 480  
 ctgctctate tcccgctgct gtaagantcg tggcgtaan cccgtctacn gcaactggctg 540  
 gatggcnggc aagccctggg gacttaacac aacacacacc aggcctacaa ttaccgcaac 600  
 taangtggct ataccagaa ttccacacca aggagntaca cacagaacaa cngnggtacaa 660  
 tgnccctcg ctatggctac agaaca 686

<210> 2906  
 <211> 648  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(648)  
 <223> n = A,T,C or G

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<400> 2906
gaaggacagc agcagcggcc gggttatgtct gcgtgggtatg ctgggtgcacc ccatcaagtt      60
tgagcatcct tcagagaagc cttaagttga gggatgcaga ataacagtcc ttcaaccttg      120
tcgccgtcat gagcaaggcg acgctatttg tccacctctg accagcgac acgacagaca      180
tcaccacgca catatgcatt tgcaggagca tttgtacaaa tatacccacg actattactg      240
aatggcaaga catccgattc ccaacactac gatgagaagg gtgatgacgc gaattctatg      300
catctatttt tatcagttcc ttgcacctgc ttgcattcog tttacggaac cagcgaactc      360
gtcctagact tacctagaca ctttattatt tgaaccttac cttctatttc tttccaccg      420
tctcggtatt ctctgcaatc aagggtttcc agaacgcctg cctaataaat tcttctcatt      480
cagactggga atggtatgag ggtgtctgca tcattcaaca ctaaaaatgt gngttttaac      540
tcgctgttat tctctggtct caatttatca atcggngtgg catgtcgttt ntgggtacca      600
gacattcagg actangcgcc gggaatggnc ttccgctatg ctacangg      648

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<210> 2907

<211> 676

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(676)

<223> n = A,T,C or G

<400> 2907

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attctccctc gctcgtctcg ctgggtgggat tetaaccatc ctcccttcggt ccgaccttac      60
tagccttggc ctcatcatcg caactaccgt gctgctcaat gtaggcctca ttccattgat      120
gatctccatg gttgggttca tccgtttgat tatgaaatca agccttgatg agaacaaaacg      180
agctttcttc ctggttgaaga tcattcgctt cgcattcatc gccgctatca ttcttctctg      240
tggttgetgga gcttttagtg gttccagtat acacctttca cgacatttga cacaggctgg      300
ctatgtcact ctggctgtcg tcattgcttt gatgactggt gagctactac acctctatac      360
tcagaagcac cgcatttctc ccgagaagca cattttttata gagctcactc tagcaagtgt      420
tccgacactc gtccacgaa cagtctatgg actactttgc gctttcacgg ttgacaactt      480
gacgaccatt ggaattcgct gggttgatct gctgtagcgt tgctttgatg tgccctgctta      540
cggagtacat acacttctgg ttttcttttc tcgggattcg cattggcang cgttgcgctg      600
aaagcttggg aagtatcgag atgaaatctt gaacacatga agaanccttg anaagaaaaa      660
ntaggaagtc ggtcta      676

```

<210> 2908

<211> 117

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(117)

<223> n = A,T,C or G

<400> 2908

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ttccacacccg tttcacacacnc gacaaacnccg gcacnacacg ttttctcgaac gancctcaccg      60
ccaaacgaca cccgcaacnc gncgagccgn cacacccccc acacaggncg accaaca      117

```

<210> 2909

<211> 112

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(112)



<223> n = A,T,C or G

<400> 2909  
nggggngggga gttttngggga aacccggngg attttaaaaa ncccgcacang cncaaagggg 60  
ggttactaca acnacngggg tttttttccg aaangggggn atccanaaag ct 112

<210> 2910

<211> 613

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(613)

<223> n = A,T,C or G

<400> 2910  
gaccaaggta gtgagagacg tcccccgctt ccgcgtacac tgggactctg ggcgtacaac 60  
ntcatgcttg caaggcagtt ggggcctatc caaactctga acaaacagtg ggggtcaagag 120  
ggcatctctg aagattatgt catgcaacgc gtcgcggatc tagcacaagg cttacggctt 180  
tgggaagcga gactccctga cggaaagaaa gcgcacagagg agaaccttcg agcacatagt 240  
gccaaangcc ttggaggacc attcctcgcc atacatacag gctaccacca gcatttcgta 300  
cttttgcttt ttagattctt agatctcaat cggacccaga caccggagac tatcgagtac 360  
gccgagcttt gcaagcatca cgcaagtctg ataagtcac tcgtcaagct ctctcgccaa 420  
gttcccaatt gtgaattggt ttttggagga atgggtnaca tgacanctgc ctcttctgca 480  
gtcctactgc atacgcttgt gtttggtcag caagatgacc ngctgggtatc cgagccccaan 540  
tttagantct actangaagc catccatgag cttcaaaaat nctgggcctt ccaattgaaa 600  
ctcagtgagt aga 613

<210> 2911

<211> 387

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(387)

<223> n = A,T,C or G

<400> 2911  
tcgtcaacaa agatgctggt cactattatt tatttgagtc gagacttaca acgagctagg 60  
cgtctcaatt accacggtag tcttcaactc agttacaatg gtcaaaaaac ttttgattgc 120  
tgccactatg gcatcgatga ttccctcggc caatgccttc aatcccgctn aagatcggtg 180  
gctttgcaac aaaangatgc tatctgcac actcggttga tgggctcaac attggtgaag 240  
atcagcgaan gnttggtata ttctgngaca cctggcagag ntccaacact ttggaagacc 300  
cancttggtt ttgggggatac atttccatag ctggaaggga cgatanactt tccnctttnt 360  
gaggggcttt tngaanaacg gtcgcca 387

<210> 2912

<211> 694

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(694)

<223> n = A,T,C or G

<400> 2912  
attcttacac agaaactaaa gagtttctcg ctgtctcttg cgctcgagtt gctggtaaac 60

cagacaatgc	tggcagcgcc	aaggaacttc	ttgcgcgcga	gtggccacat	gcgttaacca	120
ctgggaactc	tgactctcca	tttcttctgt	caatgctaaa	agtgtacgtg	ggaagccata	180
aagaagacgc	ggacaggtca	aatttttatcc	atcaagtcac	gcaaaatgtc	gagaagttac	240
tcaccagcga	ccgatcactt	ccaaaaatga	cacataagta	ttcttctatc	gatcttgtga	300
cgtttttctt	cctcaactat	gcttttcgaga	tctacgacga	ttgctttgac	caggcaaate	360
ccccagactt	cgtgacagag	cacctcttgc	acgagttcat	caagaaacaa	cctttcataa	420
agacactcag	cctcaaccgc	cctctctctc	acgccattgg	gttgaatggg	gccaggaaca	480
actccgactt	aaccaccctg	tggctttaca	ggactcccc	gggaagccca	gcgcaaacat	540
gcgatcctgg	gggcacaata	ttcaagtttt	ttgcaccctt	tgggggggtc	tggtcaactg	600
gtacggcaaa	ttngngcccc	atggacaatc	aggcgaatcc	gctttgnata	actcttcgga	660
ctctgggatn	tntttggatg	attgngatga	acnt			694

<210> 2913

<211> 164

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(164)

<223> n = A,T,C or G

<400> 2913

ggaaacccct	cttcccaggc	aagcagcgaa	acaacttcta	agcaggatca	cgccaagggtg	60
aatgtccacc	tgcaggggtc	tcttctgatg	ccctcaagcg	cacaacgaac	ccttaacttt	120
tttttgggca	ggcactattg	gcaagcgang	gccctgaaaa	acga		164

<210> 2914

<211> 556

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(556)

<223> n = A,T,C or G

<400> 2914

ctttcaacat	gatttccata	tttcccatgt	atccatgtcg	cattttttgtc	atggaattct	60
tcgctggcgt	actcggcata	agcatatcgc	tttgtgctcg	gtccccagat	caacaaattc	120
ctccatcggc	atttccgacg	ttcaatcttc	acccaggcat	aggataagct	aggcatatac	180
qttttgcagt	ttcttaacaa	tctgaagggc	ttgagacatg	ctatgttgaa	ggttgacatc	240
acctgccatt	ggtaccaatt	ctcaactaaa	cagggtgtta	tcccatcagt	ctagagccaa	300
cogtctcgaa	aagaaatcct	atgtggcctt	gtactgggtg	ttgggctttc	cacatacgta	360
ctatggacca	cggaaattaat	tggtcaagct	ctggcttata	aatgtgcaat	agattcactc	420
gattgaatgc	atctgatget	cattctcaca	agcacaacac	accatcctgc	acctcaaaca	480
tgtccaacgt	actcggtaca	ttgtctctct	tccattgenc	cgcctaatagc	gcaacacncc	540
tattcanact	attact					556

<210> 2915

<211> 622

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(622)

<223> n = A,T,C or G

<400> 2915

gacacaacga	gaactcaatc	taccggggcgg	tgtctggtgca	natccacagc	acgttgtaac	60
gagatctcta	gaagattttac	agatttcaggt	caggcgatta	accgagtcgc	gataagtttt	120
ggaaagacaa	ctataccctc	aaaggggggca	ctccgccttg	atcccgatcg	aaaagcgtat	180
gccagaactc	gatgccaaag	cccgttagtt	tccgaaatgg	catggatgag	ggacctcgaa	240
taatacgtaa	cctgtcaagt	ttgaggcgcc	agttctcggc	agctacctcc	ctggatactc	300
ggaagagcct	caatggcttt	tgccaatgtg	atctgacagg	gaggaagtga	ggctaggtag	360
gagattccat	gccgtactat	ctactggcag	agccaccctc	agcgcccggc	ttaaagcgat	420
tttgttttcg	gcctagacga	tgtgctgtgc	tgcgctgcgc	gggttggtgt	gcgttgccgt	480
ccgctacaga	ctatgatcca	agctgctggg	ctcgaaacaa	gtgtgtatca	catcacaaca	540
aagaagaaca	aagccgagtt	ccgcgcgaat	gccggaaagg	attccancgt	gcaatcgga	600
atccgncgg	gcgttttact	tc				622

<210> 2916

<211> 488

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(488)

<223> n = A,T,C or G

<400> 2916

gagaatggcg	gtattgagct	tcaagctgaa	gcaggagatg	tctttgtcat	tccagcaggg	60
gtagctcaca	aaacgtacaa	caccaaacc	gaagcagagt	tcaagctcat	gtcaccgggt	120
gttgacacg	gcacgaagc	tgatgatcca	cgacaggctt	tgtagagat	tgagttgtcg	180
ggctatacca	tgatgggagc	ttacaatggc	ggaaattggg	atcttgctca	gagtggtggt	240
gactatggca	agtcgtggag	ggttcgaaa	cccaagtgtg	accctgtatt	tggggaggtg	300
gatggccttg	tgaanagttg	gcctggggac	nacaaggatc	ctgatttgga	aattgttcaa	360
gtaganaaca	gggagcgctc	naacaggggg	tccaaacttt	agatgtaagc	attgaaacaa	420
tcttaccat	atcataacc	acaacttggt	gnngggggtg	actgtttcat	tttgtttggg	480
catagtca						498

<210> 2917

<211> 577

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(577)

<223> n = A,T,C or G

<400> 2917

gaagaattct	cgccgcgagg	aatttttttt	tttttttttt	tncttggtga	tgtctttatt	60
gaatgtttct	atatacggat	actaaactga	tcattatccc	gtactgattg	ctccctcggc	120
acatgtgatt	tctacgtgc	ggcgaatgca	cggcacatac	gcagtcttat	tcaaccggct	180
gggtcccttc	tctaatgaac	gactccaggt	tgatcctagc	tgtgtggatc	acagaagccc	240
gaagaglatc	gattcggttg	atcttccdac	caagatatct	ccccacacca	tccatacggg	300
tggttganatg	ggcgatttgg	tcctcgactc	ggcgctggcg	gaccgaqurc	tggaattccg	360
tggggttaag	aattggcatg	agacgatgag	tngggtagaa	tggacctcta	atcgactgct	420
ctttgaacac	aacgttctcc	ttgactattg	cataacacca	tgtttgcggc	ccgactgagc	480
gacccatttg	ctctcgctgc	gcaacgcaag	gggaaggtat	catcccgac	aattttgggt	540
gatcttcngg	cacaactggg	taatntaacc	cggaaaa			577

<210> 2918

<211> 473

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(473)

<223> n = A,T,C or G

<400> 2918

cagtcaagca	cgattgaggg	tgggtctgaca	ccagcgcagg	aggatattct	ttaccgagag	60
ggtaccattc	cttcggctga	gaaggccgaa	gctctcggtg	cacaagcana	gaaggctgag	120
ttggactcnc	ccgacagcac	tgagatgcaa	aaccccgagc	acaagtttgg	tctaccaaag	180
cgaccttgge	cggaagggtt	caacatgaag	aagcggtacc	atcctgtgct	ggagcaaatt	240
gctcgactcc	tcatgaagga	tggtaagctc	agtgttgctc	aacnaaatct	agctatcgct	300
atgagctacc	tccgaaccgc	ccacctncca	tctacagctc	gaaattcccc	ctnctgcccc	360
gtactccccg	gccacacatt	tcctttnaac	ccgattntat	acattaccgc	gctattgact	420
cggtagctcc	tctcctnaaa	accgcaacgt	ggcggttgcc	ggtggtggtg	gtc	473

<210> 2919

<211> 455

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(455)

<223> n = A,T,C or G

<400> 2919

atagatgcta	ctcgttttctg	ccctggacat	ctccgccatg	gagatctcat	gggaaagcat	60
ggcatgagcg	gtcaccgagc	aaacctttct	gagtctatag	cacagatggg	tgcagacaaa	120
aacacaccag	cacccaccga	cacacaggat	tctaccgccc	accctactga	tgccgctgct	180
gacgaagctt	ctaatagaagc	ttcggcacca	acagcccca	cggttccact	gnacccacgg	240
gtctacagct	tcaactggcc	aactgngccc	actgccctac	ggttcttcag	acaccgnagt	300
gccgcctnng	atactgntga	ggcgccctacg	gacaagcttc	cgcaccaaga	agaagcattt	360
gaggaaccaa	ccgatcttgc	ncaaatgaag	attagagcac	agaaccaagc	nttagtacc	420
acggcnattt	gacgagcgac	tttgcattgtg	gccaa			455

<210> 2920

<211> 344

<212> DNA

<213> Fusarium venenatum

<400> 2920

agttgaaatc	qctgcccagag	actggctcac	ccaagctacc	aaccaatacg	atgccaggtt	60
taagggaact	cccagacatc	aagactggac	cagccgtata	ttcaacgana	atgggtatat	120
cagtaaaaag	acgctgaagt	ttaattggagc	gcgcggccat	ggcgcccgtg	atgatgaaaa	180
cccaagaatc	tgggcgcaga	gtaattttcga	aaagttgtgg	aagcctagtc	ttggtgcggc	240
tggacctttt	tgaggctctg	agcctcggca	gggtatcaga	aactttggcc	gcttgaagta	300
taagagacga	aattagttag	ttaattttatg	ctcggttcga	cgtg		344

<210> 2921

<211> 465

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(465)

<223> n = A,T,C or G

<400> 2921

tctcgacatc	cttgctcaca	ccgttagcga	ctgggtgata	gtctgtcttg	tctcgcccat	60
------------	------------	------------	------------	------------	------------	----

taactgatgt	ggattcaggc	gcgtcggttg	acttatcagg	agtcgcacgc	ctggtagcaa	120
caaagtcagc	taatgctggg	gaaagatgag	actgcacgc	gacaatgcgg	taacacattg	180
cgcgccagca	cgacttgga	acaacttacc	cattaacttc	cgacttttgt	tccttctctg	240
tgggtgacac	acgcgatgga	gaatcgccgg	cgaggagatc	gggggttggg	gaagccataa	300
tggctggtcg	cgataaatgc	gcgtcaatat	taagtgtatc	ctagttgacc	cgatgcgaca	360
tgaaatagcg	atgcgtttac	gtatcaatgt	gagtcgtatg	ttatcgaaag	gtaagcgacg	420
tgattttgat	gcgcgatgga	natgggtggg	gtggggaccc	tggaa		465

<210> 2922

<211> 158

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc feature

<222> (1)...(158)

<223> n = A,T,C or G

<400> 2922

ntcgcgatgc	cnacacgcna	aaaattgctg	tcaanggtgg	aacttctgct	antcctgaat	60
gctggattgn	cggcanggtg	tgactatgat	gtgaataagc	caatactngt	ccngagttct	120
actggacncg	aataaccatg	ctcggagnca	ttccatgt			158

<210> 2923

<211> 394

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(394)

<223> n = A,T,C or G

<400> 2923

tctttttctca	tccacccggc	aattgagcgc	acaatggctt	cacggantgg	tgttctcaag	60
gcgctctctg	gcgccttttg	cgantatggc	ccttggtggc	ctggcactga	cgccagccac	120
tgtttttgcgt	gaaggaccca	gcgacctcaa	gcgaaaaccc	atttacgatn	acttcganat	180
cccagcaten	aagcccgcac	ccgtganacc	accacccgct	gccacgacgc	ccgtcgctga	240
gcccattgaa	gatgangagg	agaggcacta	ttagcctacc	ccnacngatc	gantggctgt	300
ttacntcgga	aaagggcgct	tgtctctgtt	caagtacctg	tcgctgccga	aaccaaagtc	360
cacgangtca	tggattcggn	tttcaacctc	caac			394

<210> 2924

<211> 650

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(650)

<223> n = A,T,C or G

<400> 2924

cccagaccta	gaaqtctcat	cctgtgtccg	tacatcatga	acactccaca	atcgtcaagt	60
ttgcgcggtt	ctgagtttat	cacgaaaaac	cctggauagc	cagttgcccc	qaagtaagtc	120
tgaagacgag	gcctgaatga	ccagataaaa	tgggttaggt	catggatggc	caaaactacc	180
caaggagatg	aggactggga	caacaacagg	ccttcgactc	cggaggacat	tttaagtttg	240
catagtcggc	taaccatctc	ccacatcgga	tcacgccgaa	acatggactg	gtacactctc	300
ctcgatactt	acgctgccgc	ctccaaggac	tttgaacctg	gaagagagac	tcaaacacat	360
tgcattggtca	tggtcgcatt	gtgltcatgt	gttcataagtc	aaggccttac	gacggacgan	420

gtaatgacng	gcatggcaaa	atgcgtcagt	ggaggaagcg	atacactaaa	gattcaaagc	480
gaatcgcact	aacaaagtgt	gttgcaanat	tggngatga	acttgaaaaa	agttattggg	540
ggcncgggc	atatgaactc	cccgttnaan	aattgagccg	cctaanttac	ctttggncaa	600
cantttanca	accgaatggc	ttcaaaatcc	aacccaaaag	agtcacatc		650

<210> 2925  
 <211> 256  
 <212> DNA  
 <213> *Fusarium venenatum*

<400> 2925						
gagacaggca	gttccgaaac	cgatgccact	tcaacaggaa	gcagtgtctc	tgcgactgct	60
gagagtgatg	agaacgggtg	ttctggaaac	atgcccaaga	tgtggctgag	tcttggtgct	120
ctttgcgctg	ccatgcttac	gatgtaaatc	ttcactacgg	tatagaaaga	acgtctctct	180
tctagattca	gttttggttg	cttatagatt	ggttgccctt	gtttatagat	cgtttgaata	240
gacatcattg	actggg					256

<210> 2926  
 <211> 501  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(501)  
 <223> n = A,T,C or G

<400> 2926						
ccccgatgt	gcaaacactg	cttggttcaca	tgtgtgctct	tcgcctaattg	tactaaggta	60
tatctgnacc	caggtatgta	tgtatgtacg	tacctacata	tagcgtatcc	ccgatgctaa	120
accacacac	aatgcatgtc	agccccagat	acagogaata	gagcaagaga	gatttcctcg	180
aaatcgatt	cgggtcagag	atgggcgac	taaatgacaa	gcacgcgac	ttgacattcg	240
ttttgcttgc	cagctgcacg	agtttggcct	gatcttgtgc	gcaaacnana	attactcggc	300
ttgactgagc	tggtgcaccg	gtccaaagga	catgtacatg	gagctagata	tgaagtatcc	360
tctcttctca	tctcatctca	tctcatctca	tgtgatgtga	caagtgatga	ctttgtactt	420
ccgctgtgct	gtgtgtgtctg	tagtgtacga	agctgtcatc	agtagtcgtc	tcctcgttta	480
ttaagcagtt	gcataacccc	c				501

<210> 2927  
 <211> 136  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(136)  
 <223> n = A,T,C or G

<400> 2927						
nttagcacta	cggccagctc	ctggatgtca	ngtccctctg	ctqqangana	acaaacggga	60
togatcattt	gatacttenc	taaacacagt	ctttgagtat	ngctttccgc	tctncgntca	120
gcattggtnta	caggnc					136

<210> 2928  
 <211> 412  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>  
 <221> misc\_feature

<222> (1)...(412)

<223> n = A,T,C or G

<400> 2928

aacattatag	cattatcaac	accataccat	agcattttaca	acatggccga	aactctcctc	60
gaagctcgat	acgtctcccg	agcgaaactg	acgaacctcc	tcacaacact	gtntggggat	120
gcaaagaatt	acgatgtgac	taccgaaaat	gacatgattc	aagtcactgc	accgcgtcaa	180
cttactccga	aattgagtc	attacggata	actgagaaca	ctcatgaaag	aaatacttnt	240
cagatacaga	actctagctc	caggtcaaga	aataaaccgc	gatgatgaat	tacaatcaag	300
tcctagattc	ataaccctct	aaggttggct	cggaagcgta	aggctcaana	gggtcaaatca	360
cgtttttatg	tcattcttana	tcgcgcccaa	ttgaattanc	ctcctttttt	gg	412

<210> 2929

<211> 411

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(411)

<223> n = A,T,C or G

<400> 2929

gocattttct	ctgattacga	tgaggtaatt	ggcaacgagc	ccaaagaaca	acaactgttc	60
actgccgaaa	cgcgatngt	cattgtcgac	tctgacgcac	gacgcgcagt	ctcagacaac	120
caacgcgcca	ttccgcagca	tcccaacccc	gcaactgagt	atcccgtacg	tggatttggc	180
gatgcattgt	tttttaattg	ctttgattgt	cagcaaattc	acctgggatt	tttagaatcc	240
aaaaataaga	cagtcgaaga	tccttttgcca	gataaattat	ttcaaccaat	acatcgtcga	300
gctgagcgac	tggaaagatc	agtacgcaat	gctgaaaaag	gtcgaagctca	acatgaaaaa	360
gaccacatta	tcgggtttct	cgagggcctg	ccaaaagggg	ggcccccca	a	411

<210> 2930

<211> 649

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(649)

<223> n = A,T,C or G

<400> 2930

tttttttttt	tgcattgttg	acgaaacaag	gaacgaattg	ctccatattg	tatctgcagc	60
gtctatccat	caccagatgg	aaatcaactca	gtccatgtac	caaacatagt	atatcgnaaa	120
ctctatcttg	tcattctatc	tctttcatct	aagcaattct	tacacgaaag	catcagccct	180
ttgggtctct	nagaagtc	ccaggaccgn	gggtatcaac	ctctttctct	cgatccccc	240
ttctatccca	gaatactgnt	cttcatcatg	ctttgcttct	caccaactca	tgacttccct	300
gcgcgatca	aatcgctng	tagctgacgc	tcaggcttga	cgaccttgc	tntgagcaca	360
gttatctgg	tcaaggctctn	acaqtcttna	ggcatgacac	gagcaaagcc	agatgccttg	420
cgctgnacca	acgtatctct	nttctgaacc	attggcgctg	cacccgtctc	ntcaccattg	480
gcatgcccgt	ctgntgntcg	acggtatcat	tcaagccaaa	cgcattgggc	cgcnagnagat	540
cattacatta	gcagaatact	tgngtccctc	acatggntga	tgnagtaaaa	acccacttca	600
ccggggcttt	tattgngtan	atccgatata	aggccgacng	gctnagtgg		649

<210> 2931

<211> 122

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature  
 <222> (1)...(122)  
 <223> n = A,T,C or G

<400> 2931  
 ncactggngg gcttaaggga agcaaggnc tctttaagtt nggtatcaac ttcnactagg 60  
 atattatctg ntacaacatc actntgtatg gggttengtgn agactaccan tatgcngcca 120  
 ac 122

<210> 2932  
 <211> 256  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(256)  
 <223> n = A,T,C or G

<400> 2932  
 tttcttttct ctctctctct cctttttctaa cggcggggctt agatgagaac gatgtcgtcg 60  
 cacaacatgg ctgggtgcgac gatctcgact tgattcttga aaccctccag aaaagccatc 120  
 aaaacttacg gnacctgatt ggcttggttg aagatacatg caatgcaatg cgcctattct 180  
 tctggcggtac acgatagggt ntgacacgca cggttggatg aggttcagtg ctggtccttt 240  
 gtaattaatt ttgtaa 256

<210> 2933  
 <211> 165  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(165)  
 <223> n = A,T,C or G

<400> 2933  
 ntantcgaan aggncccttga aaatccntgg nacctggnga gggnaaagggt ggtcgttaant 60  
 accnttttctt tcccgganac tccaccatnc caaangggcc ntgagctttn tatgcnaaag 120  
 cttccctttt ccttgntcgt cggttntact ccccagggac ttcta 165

<210> 2934  
 <211> 243  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(243)  
 <223> n = A,T,C or G

<400> 2934  
 ntctcgcttg gattgaccaa naacatggtg tttnaaaatc ctccaanggg ccagactgac 60  
 ctgataatta tctgagagaga cgatgggtgca ngggatatga anacgatgg tgtttgggan 120  
 anaagaggca cgagagttac tcnacctgct gattacatt tatganaaag ccaccggcgc 180  
 tgatttgata aatttntttt ggattatggt ttgcagacag ttaacttaga tcaactatnc 240  
 tgg 243

<210> 2935  
 <211> 558



<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(558)  
<223> n = A,T,C or G

<400> 2935  
ctgacaaagt ttatgctcaa atccaacatc tccccctact cggactctcc tgttggtgcaa 60  
cgctgctacg gtatctgggc taagggacta ctccctctga tgttgaactt gcttacagct 120  
ttgggcgcta ccategctcc anaagttgcc tacgtgttga accagttccc acacctattg 180  
gaggcaagcg tggaccgttt tgaggcacca ggggcaagcc gtacgcagtc tggagcgtcg 240  
cctcactact tgacgcttgt ggctatttct gaagtccatt ctctggctct cctcacaaga 300  
g'gcttgctg ctcttgcgt aaacaacaac cgggatattc cggacgtcga atgggattca 360  
gcaaaccttc ttgaaaacgt cgagtttttg ttgaacacaa agaagctgct aaaggaacga 420  
cttatgcctt tgggacaacn nagaaatgga ttgggcgggg tatngaagcc cgtccccgga 480  
gcatacgata gtnttttggg ggagaaagct gnggctcaac tggacgccat tcnnggatgt 540  
gtttggcgat gaancaga 558

<210> 2936  
<211> 179  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(179)  
<223> n = A,T,C or G

<400> 2936  
ntcttcaagc angncgtcac tegtncatc accacatttt gtcaggccct cgaanntcct 60  
ccatneggaa aggtnaagcg tntgccaaaa tccntgaagg aantcacgan gancaaccat 120  
gcgataagnt ccaacaggaa nccaanccac aagttcnagc aataagtgcg ctcacgat 179

<210> 2937  
<211> 191  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(191)  
<223> n = A,T,C or G

<400> 2937  
ntgtgntcag acagcantan acaatgnccn aggcttaaaa caattagctg nggnacatta 60  
acgnaattga aaanontggg attatgcgac gngtgggcga nanctatgca tttggaggnc 120  
gaggttaag aacnqnacac gagaacnnc atqqactagc gatntgaacc attttatgnt 180  
ntttggaata g 191

<210> 2938  
<211> 117  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(117)  
<223> n = A,T,C or G

<400> 2938  
 nggngactan tattggaatt ttgcggtaacn aaatnggggc cngagacacc ggggtgnttaa 60  
 aaaaatgga cgggattagg anggggnacg ctaanatent tccttttttg gcccacaa 117

<210> 2939  
 <211> 166  
 <212> DNA  
 <213> Fusarium venenatum

<400> 2939  
 ggacagctat gaaggggcag ccgggtgcga tttggtaaag gttgtataga tctgggatat 60  
 tagtacggca taatctcaac aaacgacct gacatgacct ttatagaata gcggcgaagc 120  
 tttccatata cggaagtgt actataaatt gaatcaattc cactct 166

<210> 2940  
 <211> 637  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(637)  
 <223> n = A,T,C or G

<400> 2940  
 gggggaaaact cagtcactctg cccagcgctt gacatcgcg caggtaacgc accacctgat 60  
 ctgtttgctt canaactttc cttctttgct tcgcatcctt ggactgcttc tctactgtcc 120  
 gcgcgggaga caatcccggt cctcccgctg tgtaggaatc ctcagtcacc tgcgcatgat 180  
 cagctttttg gaaactcgct taacaatgct cngggcttga cacattttat cagctacttc 240  
 cgtgcgcaaa gtgttgagggt tgccaagaat ccagcacata acatcactga gattgttggtg 300  
 ctgggtatcag tgggtgaagg cgtaagcgga tatcctggta ttgttcacgg nggcacggtt 360  
 acagctctct nggatgaatc catggggact atcttcgact tgaacggcac gttgggcaaa 420  
 gaggccagag cgttcaagac gtccaatgta acaggcgga tagacgtaaa gtttctgaag 480  
 cctgtcccaa cagacaagtg ttctctgtat cagagctatt gctgaaaaca tcgatggctg 540  
 aaagactaca ntcaggggtg aaatgaagga tgaaccangg gcaattgctg gcgaattgct 600  
 tcaaccagtg ggtaagcact tgaagccan cctttttg 637

<210> 2941  
 <211> 584  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(584)  
 <223> n = A,T,C or G

<400> 2941  
 gggagtcttg aaacaggtae atgatgaagc taaghtngcc ttctacgga caagaaactt 60  
 ttgtctctatt tctacctat cctggcaaat acttcaaaaag taagaacctc tgttggcaag 120  
 gttaaagcca cagcagcgac gatgcgttac atctctcgan ttgcgccttg gccctggatg 180  
 gaatgcqcca cctcgtggat gggttgttaa cccagcgctt ggtctctcgg aatgcgtaga 240  
 tqttganccg ctcaatgtct ttgtogaatg cgacctantg acaatatctt ccaangatgg 300  
 cgcgcatcag aagggtctat gaagggtcag tgggaacctc ttaactgatgt nttggaagca 360  
 ttgccttccc tcaggttggt ccttcgatgg ttggactacn tcagaaatcc ggaaactgag 420  
 caaggtctct ggacattgtc aacacaaggc nccgcatgaa tggggctctga aaaagatgac 480  
 gaccnatac ataagtnaaa ggggganccg ggggtntcta agatcccncc ngatataaac 540  
 caggttnttg cttggctatn tgtcaaccga ctattcctgg tga 584

<210> 2942  
 <211> 354  
 <212> DNA  
 <213> Fusarium venenatum

<400> 2942  
 cggaacctt ggcaattga ccacacaccg cgacgagctt ggccaatgct tcaagtccag 60  
 tgacaaggct aaatctgtca gccagactga acacgtcaag ggctgcaagc ttttggtatt 120  
 ccaagatacg cattgcaggc atggagagaa gagccctaag gattttcaat gtctcaaggc 180  
 cccgaccttt ttcaatagct acaagactgt atgcaagtaa agggaaactgg aaggaagatt 240  
 gtcgcttatg agcgtgaatt aacatggtga atggtataga tctttgcctc aagaagggtca 300  
 tttaataggt taatggtttt agcaatagtt tttatattga atgaatatcc aggt 354

<210> 2943  
 <211> 589  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(589)  
 <223> n = A,T,C or G

<400> 2943  
 ggggtggttta gatcgtagca ccagcggggc tatgatatac agagaaccga accttacgcc 60  
 tatcacagag cgatccgaat actctaacag aaactcgttc atgagtcctg gtatgcctgg 120  
 ctttgaggga acaacgcccc tgcaaaagccc tggcctggct caacttgctc ttcttgaggc 180  
 tcgcggcgac gagatgactt tatctgctct tctccggctt aggtcccggg cttggggggg 240  
 ttctcaagca agccttggtg ccagccaaaa cgggtccccc gatcagaaaag aagcgatatg 300  
 tccacctcac cttgggggtca gagctttatg agcccaacga ctttccacac ccggaagaac 360  
 tcggttcttt ctaccatcag ccacgactcn gatagcgtan gcgcctcagg aaccgcgact 420  
 tgacaggtgg catcctggct ttacgctgtc ccaccacctg tccaacgttg gctaagctga 480  
 aactgatttt anaatgatct caatcccccc tcacntagca gactgctcaa atctacaaca 540  
 acctattcnc atgtcgatca aaaaaatagc cncctcacctg tancctta 589

<210> 2944  
 <211> 589  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(589)  
 <223> n = A,T,C or G

<400> 2944  
 ctaccagtc taagatatct cgttaatgct acacgagatc catctcgtct caaacacaaa 60  
 ctttgaatcc tggacagggt caacgcttat tatctagctc acccgtttt tatttaccat 120  
 tccaaaggaa gagagcttat tatcttcaga tcqatgtgat ccggtgtct ctccctctat 180  
 taccgtagc ggcaaacaga ccgtcgttat cgtggcatgg ctttcgaccc aggtacttct 240  
 atctccgggc ggtttccttc accgggggagc tctttggctt tggccggggg ttacatttct 300  
 gctcttact gcataaaata gcagaaagcg ctcaagcaag cgggtgatcc tcttctgtcc 360  
 actgttcaaa agaacggacg ctagaatcat gatggagaaa aagaaaaaca catctcatcg 420  
 ccaactcttt gattgtcgaa ctgccttgct attctcttac accggccccg gaagtgatga 480  
 caacggggga tencacggga tctaggaccc cgaacggact gcgcnaana gcacaaqatt 540  
 cctgcccgtt gggccgaaac cgaaaaacat aattccccga gctgttctg 589

<210> 2945  
 <211> 588  
 <212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(588)

<223> n = A,T,C or G

<400> 2945

tgaataaaaa	gccgcgtttc	gatggaacca	caactgtctt	gccgacgcc	tatcttccca	60
gaaaggatca	tatccgagtc	cttgatatcg	gctgggtggg	ccatgatcgg	gatcaaaatg	120
ccttcccagt	ctctaacttt	ccaaatctac	acaccatgac	catatgcata	gcatataaac	180
atccgaatga	agaagcatgt	cggaattggg	tgactccctc	tttgcaaaca	cttattctca	240
atctgcatac	cagtggccaa	tgcggtcctt	cttctcataa	ttgcatgagc	aaagctaatt	300
ctcatgccat	tgctgagtgg	gcgaagatgg	cgaagagatg	ggtagacaaa	acaccaacct	360
ggggctgaga	naaatctgca	tacgtgcata	tagtagcgga	natgatgctt	ggcaaaatga	420
agatgaagta	anttgatatg	accggagtta	tgccgaagan	atgaagguna	acctctcag	480
tgcttgaat	acttgatgaa	caagggttaa	tcatctggat	tggtatattg	gaagaaatta	540
ctttgaacan	gagcatnttt	atntgagaaa	acctanccga	actaatct		588

<210> 2946

<211> 587

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(587)

<223> n = A,T,C or G

<400> 2946

gagctttctt	gcggttacaa	gaaggagatt	ctcaaaaggt	cgccagatca	gtccattctc	60
gtatggagat	ggcccttggc	ccgcaagcct	gaaacgaaaa	acgcaacgga	tgcacttttt	120
agctgatagc	ccggccaact	tcaacttacg	cacttacgcc	ggacaggagg	attctgagaa	180
attcggggtc	aggttaacag	atcaaggact	cgttgttcgt	gtctggaagt	gtccttgcaa	240
attaacgcgc	tggaaccatg	acaagacgga	gcttatanac	nctggggaca	ngtgggtggc	300
tgttctcgac	tgagcttat	cgccagatac	tctatcgcg	ccagcaataa	ttctcgggga	360
gantccttat	gctgaaggcg	ttttctgacn	anactctacg	aatgttatca	tggtgataga	420
acacgatcgc	ntgaagteng	gatacttgga	taccgcnggg	atcgacacnc	gatacctcca	480
tcgaatacaa	cctgaattcc	aganagaaan	aanccgcttg	attngatata	tcaaacanaa	540
atcctttaca	agaaacttcc	tccaattgaa	atnancctcaa	aacctga		587

<210> 2947

<211> 134

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(131)

<223> n = A,T,C or G

<400> 2947

ctctctggcaa	ttgacaaaaca	agatgacctt	tcttaacgat	accgtcaagg	agcttctctt	60
ggcatttgat	ctcaacaacc	tgtctagctg	gcagttccta	atcaggnta	cccttgatca	120
tctcgatttc	tgtg					134

<210> 2948

<211> 593

<212> DNA

<213> Fusarium venenatum

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<400> 2948
ctgggcgaca tggtcgagtc tatgggcaag gtgtgtacag tggttccgag atcgteccacc 60
agacatggtc cctctgctgg aaagctccga ggtagacgca cacacagcta ccaccacctc 120
tccattcaca gcggatgtct attcaagtgc catcgagta caagcaaata tcacaatgca 180
ctattcctcc ctacttctac ttctctacaa acctcgactg gtcaagctct catcgacacc 240
acatcgtcta acatccaaga gctggcacgc ccagaagctt gcgaagttgg ctttatggaa 300
caacttcccc gatcaatggg atcctgtcgt ggtagcaacc gtagttcggg ttgcgagaga 360
catgacgtat ccttcccaac aagaagctct actatcttgc ttccaacgga ttggtgatgc 420
gactaaaatt ccactccaaa gggagattac agatctgcag cagttctggt cttcctcgcg 480
acatccaatg cccctaccaa cctccatcct aacactagct ggaatagatc accgaggtaa 540
tttcaatcgg tattgagttt gatttgcaag gtacttagtc tctattcgtc tct 593

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<210> 2949

<211> 327

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(327)

<223> n = A,T,C or G

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<400> 2949
nttcttggac tttctctctt cnaaacccgag gcgcgcgagg ctcagagtnt cgacaacaat 60
gaagagccct gtgaggagtc anctgtncat aactacaact tccaggctgn gccttnactt 120
antgggctga ntctctctgt ttacgagccc gcccccaana cagtaaagca gatcttcttg 180
tcgtnttgga accccccttc accccatata caacagggng gccatctgnt ctaccttggt 240
gtgccaccan tgaaggcgac aggaccangt cactttccac gtttngggct tctcgtnaan 300
aatcgtctaa tgccaaatta natectt 327

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<210> 2950

<211> 590

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(590)

<223> n = A,T,C or G

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<400> 2950
atccaaaaccg ctgctcctac atacgtacgt acctcttgggt tggttataaa cctcaatggg 60
ctccgtcaaa ctatcttctc tggaggctgc atcctccggt cgtcatggta aacatgtcct 120
cgttttcagt atacgactct gaaaccatgc cttattggga cctatcaact tcctccacaa 180
ccagcttccac ttctttgctt cccgaacttc gcctgaagat atggtcgcgg gccaacgagc 240
ctcgcatcgt ttltatacggg gatctagccc aagggaatgg gtcttgctcg ttaccaactg 300
ttacacaagt caataccgaa gcgcgagatg aaactcgact aaggatatgag ccaataggcc 360
acqatctttt cttggatttt tctaaggata tcttggtttgc gaccataaga tctcagacca 420
agtaacagac cagtatctag atgaactggg gccccggggtc aaatggatgg cttctctggg 480
ttgtttcccg atganggnog ggtacagatg cctcatcact actcgtctta nctatctatg 540
tgcttcaate gacgggggaaa ntttgggana atcnaatttg aacgatgctg 590

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<210> 2951

<211> 534

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(584)

<223> n = A,T,C or G

<400> 2951

gaacaacagt	ttaacgtata	cccacgatat	ctcgccgttg	ccaaatgcat	atagcaaagc	60
ctgccgtcct	tcgtacttct	ttcttccgat	accagatgcg	tgctcgtgaac	ttctacggta	120
ccgagcctca	cttcgaatca	cagccccgcg	cagatccgga	gcgccgacga	ggatttcctt	180
gaatattacg	attctctgca	cttggtccaca	gcttgatttg	gacgagtgtc	gcgtgggtga	240
gctgccagag	tataaccgtg	ccgtttcttta	ccctcgaacc	catagactcc	cacttatacc	300
ggccgccatg	ataagccacg	cacctgccgc	ggtaacaccc	gtccgcggct	ttcagactac	360
acctgtctac	tcggggcgacg	aggactcaga	ccctggacac	agcgagggtcc	ctaccccccg	420
acgaaagact	gccggacgaa	cgtcatcaac	gatgttggtta	gcgccaaactg	cagccctatt	480
attcgagcat	cttctccccg	tgtttcggggc	atcgcaaagc	tgccgatgca	gatggaanct	540
cttantctgg	acggaagatc	cccttatcca	tganccggtc	tgga		584

<210> 2952

<211> 394

<212> DNA

<213> *Fusarium venenatum*

<400> 2952

aattatcaag	actctagatg	atgtatgtcc	taatacgtac	ctcaatcagg	tctggaacat	60
ttgtcaaaaa	ctttattgca	aagctcaaca	ttccaggcga	ccatcaacaa	ttgtgtcagt	120
cgagcctaca	aatccgaata	acccggcacc	tgccgtgtat	cctaacatag	ctcgggtccgg	180
acacgccccg	gtgctagagg	atggagaaat	cagtgtttac	ctccagttag	atccagtcac	240
ctttggacca	ttactaccat	acagggctcc	ggtgctctgg	gacttggaga	ctttcctgta	300
aagcaactgt	ttcaaagtcc	aacttggttc	atttccggtt	gctattcatt	ctatgtcgct	360
gttctcggac	tcttttgaag	cttggtactt	ccct			394

<210> 2953

<211> 579

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(579)

<223> n = A,T,C or G

<400> 2953

aattacgaca	gaattgcacc	cttggtttcaa	gtcaacccac	caacacgcct	attgccagcc	60
ccagtaagcc	ctgtaaccgc	tgaaccttga	ccctgggcaga	agctgtttca	gtcaaattcc	120
aaagccgact	ggttatccaa	ggttcggctc	atctacttta	cataccttga	tcgcttaacc	180
aaataccatg	tcagggttg	catttgaccg	gagatggcct	ccgacatgaa	caaganantc	240
atgttccctg	ccaagacgag	caattcacaa	gtcatgtcat	gatttattaa	cactcaggca	300
aagaatcatt	gatgggatgt	gcaaagaaaa	tactcagtca	ttcattttag	ccaccaactg	360
gctctaaact	caaaatccat	tataaggctt	gctangctta	ttcagtcacg	gaagaangaa	420
aagaaaaaaa	tatcccgagt	ccctggccac	ggacattctt	ttgcatccac	gttccagcgc	480
gcttgccttg	ttctgcaatg	tnctcctgtt	nttttttttt	agctctcagct	ccaatctctg	540
gcttncggtg	gtcanacctc	aaaccngtta	taataataa			579

<210> 2954

<211> 610

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(610)

<223> n = A,T,C or G

```

<400> 2954
gagacgcgcg gcatttcctt ggccggctgt acgtgatgtg attgatatgg acaaaatgga      60
atatgaatta ccccgcgctg cccagaatct cttcaggaat ctatcatcgc agtcctgcga      120
cattcttaca tatctcgaca gtccctccage atacctgat ccagggaat tattattcaa      180
aacagatctg ttcagtgagg tcaagaagca cgacagcttc atcaatgaat ctcacaaacg      240
actatggata cgctctcccg ctttgcctgg atcattgggt cgtgcgggtg gggagtatct      300
agactttcac ttgcgagagc ctaatgctgt tgaggaggat atgttggaaa gtttgctttt      360
ggcgtccaac tattttggaa aacacatcgg ctatttcccta ngcagtacaa agctttctgg      420
tgagattaa aaggaccaag cagaacccac tcaangntga tttgaaataa tttgggccgg      480
gaagatagcc ctcgatccgc catgctgtgc tgnngnctgg aacnattcag acaagnntag      540
aattnttnac catatggctt gccaatttca tgcagtgggc ccgnacggt anaacacttt      600
ntatttttcc                                     610

```

<210> 2955

<211> 596

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(596)

<223> n = A,T,C or G

```

<400> 2955
accgaggttg aagaccgttt cgaactccgc gatgagtgga tcaacatgga atccggatat      60
cgcacgctcg atcgcatgaa gaaagctggc cttaccatgc cctctggccg tgaaacagcc      120
gtctacaaga acctcacga aaaccgtgag tacgcaggtc gacctctcgc ggggtgttgag      180
cgcccaattc atagccgacc ttcccgccaa gagctcgcaa atgccgagga actctttgca      240
agctctagga aagatcgcca tccgagcgtc tcaaagcggt gcgcttccgt caaaagtacg      300
acctcgcgga ctcagcactc tacctcgaac ttttgcaaga ncgcgatcgc atcatgaaga      360
tggtctctaa atccccgtct aagctcccgc cgccgaaaag gctttcgatc agcgtctcga      420
taacatcaag aanaacacac ggaaagaatg ggcaatgggt cgtgataact accanctttg      480
gaaacaaaaa aaaccactct gttctnngat ntgcgccctt cgaaacgctc gccacgcgcc      540
ccgaggaaat ctcccccaaa atgcccgngc cttctcgatt ttccacccca aagcct      596

```

<210> 2956

<211> 166

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(166)

<223> n = A,T,C or G

```

<400> 2956
nttctgtntn ctcaacccgt atggcngcca tccntncaat gtccatgat gccnccgggg      60
ggagctgtgt taactaaaag ganacncccc cccccatatt ttacttqqqa anaanqtggg      120
gttggtggtcg aadcaaaaaa gtttttggcg tgggcaaaaa aaacat      166

```

<210> 2957

<211> 628

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(628)

<223> n = A,T,C or G

```

<400> 2957
aattgccgaa acatcgttta agcatggcctt ggatgttttt aaaaccgttc taacagtcga      60
tcctacagcc aataccaggc gaacattaac gagaaaaagc cgtccctacca tttttattgg      120
tagagacata gcggtattca cagacataac ttgtcatggg atctcaaacg agactcattt      180
tagcacaacc aaacaacatt ttaccttatt tgtatgaatt ctaatgtcat cctcatgac      240
aaaccagaca ggtgggcgac caacaggagt tgtggtcgag catactgcag caacgcgaga      300
cgcgaaatggc cgaaccata cggaaaatag ggtgtctact agcaacacta taccattgaa      360
acatggtggg caggaacaaa tggtcaaaagc tttgaanaaa gaagcatgtt tctcttttgg      420
gcgtcagggg caaaataaaa aaaancagtt ctgatggaag gaattgatct accaaaacag      480
aaccaataga ccaacttggg cagggatttg tgaggctgcc natatggatt atgggtgggca      540
attgttcggt ncccggacat taaacaaact ttttncacaa ccccgnttgg ggccgggngg      600
cccanttttc naccttgga caaacatn                                     628

```

<210> 2958

<211> 469

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(469)

<223> n = A,T,C or G

```

<400> 2958
acgtgctgct gtcggattta cctgaagaac tcctttgtcc tctgggaacg gaaatatcag      60
gttccccacg tgagaaatct gtttcccttg attgcgtgga ggctgaactg cctgccccca      120
tgtccctggt agtgtgagcc ctcaaagcca gcggggcctc tgggctcttc ttcgctatac      180
aagttgacgc tgaactgccg catctggata aatcctctct tattgcctgt cgtgagcggg      240
tacgaagcaa cgggtgctatg tgatcaggcc cggcattatc gcagcgttgc tggagactcg      300
cgttttctca agggatcaaa ggaatgtatc cgtcatccaa aggcgtctgt actcccgccc      360
ttgtcgccctc actttctggc tggtttttgg ttagccgatg ccttcatttg aacggacata      420
gcttacagta nccatccgcc tcaacactcc ctgcgcttcg tggcaccta                                     469

```

<210> 2959

<211> 588

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(588)

<223> n = A,T,C or G

```

<400> 2959
gcgcaaactc tccatccacc gcggatacga cttgatgaag gaggtatcac agcactcgtc      60
agtcagaagc ggaaaggaga acgatggcca gggcaaccgc cacggggaaa ttgatggagg      120
cgaagaacaa aagagctggg cgagtcaggc ttgcagaggg ttgtaacggg ccagtattgt      180
ggaatcggtt atgtataagg ttttgrtttt aaggaaagtgt cqqtttqaqt cgcctaattg      240
ttgcagbata tacttgtaca atacctgagg atggacgggg cttagtgaan aagcttgtct      300
gaacttgagc tcagangacc ccggtcgggg gtttgaaaga ggatgaaaca aagaacatat      360
ccagccagaa gcactcgaga atggaactgc gattagggcc ggaaccggga aagctaactg      420
cgttggcgca ngttgggatg ggatgggctg gaattccgac gggacggggc natacaaagg      480
aaatgttten aaatenacca tnccggaaag gcccgaaagg attcttatct cttgggttngg      540
ctatarattt caqataatna tggactttgt ttgttttatg atcatacc                                     588

```

<210> 2960

<211> 106

<212> DNA

<213> *Fusarium venenatum*



<220>  
 <221> misc\_feature  
 <222> (1)...(106)  
 <223> n = A,T,C or G

<400> 2960  
 nccgacaagg gcttgattgt ctteettate gaccgcggng aggggtgtccn naccaagcan 60  
 gatcangacc tcttctctac cactgatggg acagcttttg tgacgt 106

<210> 2961  
 <211> 284  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(284)  
 <223> n = A,T,C or G

<400> 2961  
 nccaatggca aganggaccc ctantcetta tataagcggg tggngntntt ctccatttac 60  
 ccgttcnata ctttctttnt ttatttngtt tnccttcgca tttccatgtt ncccgnttgc 120  
 tntttcccat gaatgtnaaa ngaaatccnn ccaggggaca natgacantt atnaatgttg 180  
 cggacggaca atntaacctt gataaccctt ccaanaaaag taaagacaga antntgaaat 240  
 agtgaagagt ttgtganaaa attgggacna atnaaaaaac gagg 284

<210> 2962  
 <211> 455  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(455)  
 <223> n = A,T,C or G

<400> 2962  
 ntgggtcccg tcgcccgtcg ccagctgggc ctccgtnttt tctcattctc actgagctcc 60  
 atctcccgcg cgacgcgaac ccgatcaga tttcctgttg acggcatctg ttctgacgat 120  
 tganaacnaat cgnctgttca ttcattccatt cattttcgng accgtttttg gcgggtctaca 180  
 agtttcgatt ctgcttgnac gattcttggc caggccgact tntagcctcc ctgcttgccc 240  
 caaacgcgcc ttaatttccc gcgcctcgcc ttttactttt tgngccgaca aaacacctc 300  
 aactggttat acttgccata tccattggct tcgtttttgn ctacgcctct angccttgaa 360  
 aggccttact tgaaaaagta gggnggatat accnccccga ttttgtttgt tgnngggccac 420  
 gttttacaaa atcaaaaagc aaaaatggcc accca 455

<210> 2963  
 <211> 442  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc feature  
 <222> (1)...(442)  
 <223> n = A,T,C or G

<400> 2963  
 caacaaacac caacaataac atcatttcta accgggtaat ttgggtgggtc gcattctcaca 60  
 tctcatcaca ggccacatct tatcgcaaca caccacatca tcaatcatat catggtgccc 120

aaatggtctt	tcaaagccca	accaggcatc	ttcatcgaac	tcaccgacat	cgctcataac	180
taccctggan	aaaaagtcac	aacccaacca	aacttggggc	tcacccccgg	ccagtcatac	240
ccttccgacg	atccagatgc	ttccgatcag	cgggattggg	cccgtctcgc	acgttatgtn	300
acatggctca	ataagaacag	ctcaaacaat	gtcgcataca	aaatcctata	cttgacgcc	360
cacngtcttg	gtgtgcataa	caagangcac	gencaagttt	gttcagaaac	atngaataca	420
naattttctt	cctaaacggg	ga				442

<210> 2964  
 <211> 623  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(623)  
 <223> n = A,T,C or G

<400> 2964	
ccctcgtcgt	tcttatctcg
ccggaaccat	cacccgaacc
attccgactt	gtacccttca
tgtagaaggg	acctgnttan
aagctgttcc	tnctttggcc
tgctcgcaca	cctaactcgtt
aacactccac	caaggccgtg
agccagaccc	tnaagtcagc
tnttcaaact	gagcgttcc
tacgcgcagt	cgctaataca
aaataaaaaa	gagttgaatt
	gcc

<210> 2965  
 <211> 488  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(488)  
 <223> n = A,T,C or G

<400> 2965	
cggtataaaga	gcagcatcct
ctgcagttat	ttttacaagc
cgccgtggta	gtatttttta
ggtcccccga	ggtatatgag
ccggtcaaac	tttagtttgc
gagcttgagc	ttangccang
agtcacagtc	ccagtgatct
gnttggtcat	gtccgtgcat
ajjcgcttt	

<210> 2966  
 <211> 164  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(164)  
 <223> n = A,T,C or G

<400> 2966  
 nngaaatacg tgnattgata agctcgatng gctntgggca tttatTTTTat aacgcctgca 60  
 tcnCGgtgtc ctggaatctg agagttgtng tgagancnag cctntctat gggggcctat 120  
 antcgcggtt acagatgntt ttgcttntt atatacnnga gaca 164

<210> 2967  
 <211> 107  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(107)  
 <223> n = A,T,C or G

<400> 2967  
 ncnatactgg caccatganc actggcnga aagacgacnc gngggacnt aggtcctgta 60  
 agatngctgc cgtcacgctc atccaantcc actgnengag ggataaa 107

<210> 2968  
 <211> 434  
 <212> DNA  
 <213> Fusarium venenatum

<400> 2968  
 cgcgctatca aaagagggcgc cctcacgcct gaagagaaat ctactgctgc agggaaaagtc 60  
 atcggcggtta ttcctctgct cgatcaaate gtgcaactcc ttcccgctac ttcagcagca 120  
 catctctact ttgatctcgc ccgcttcttc gcgtgtcaaa ttgactcgtt gatgggtgca 180  
 cccgatttgc aggagatgca agagactatt gatacaggaa tgtttacgga cgactgggtc 240  
 aaggccatgg atacaggaat gccagatgac tatacgcttt tggatatggg atatcttggg 300  
 atggatcaac cgatgatgga tactgattac ttcatgaaat tggatgatgt gaatagtgtt 360  
 ggtaggaat gtttgttttg accttgaaac ggtcgagaat aactcgagta aggtaaattc 420  
 aagactggac tttt 434

<210> 2969  
 <211> 249  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(249)  
 <223> n = A,T,C or G

<400> 2969  
 gcaaggtggt ttgcgaggaa ctctgcgcc agaggttcgc gccaggtcgg tcggaggcag 60  
 agagcgcat ctctactgt tgcctggatt tggatatctt cctgtgtcgc atgccctatt 120  
 aggtatgac taattggca agaggagga ttcttaccga gttcacttga aatgtcacc 180  
 gtcttcggtg atttgattga cctctntaac cattttaaac gtcgantca naaaataaa 240  
 aactgcggg 249

<210> 2970  
 <211> 601  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(601)

<223> n = A,T,C or G

<400> 2970

ctcganagaa	gtccccgacag	gttcatgagt	gaggacatcg	caggccggtat	ggagatctga	60
agcgtcactg	gaggcataag	ggacgaaatc	attagggtcag	cttatgcgac	ttagccaaga	120
ctggagggttc	tttattttca	taccctaaga	cttcggggcgt	cttctgctat	ccactagtgtg	180
cggctcttgtc	aaacccagct	ttcaccacgt	tccttcgaaa	ttactttcgt	tacgctttttt	240
cgacattcaa	cactgtcacc	tcaaatcggt	tactcgatcg	cagcaaatcg	agacgaaaga	300
ngctaagcaa	cacaccactt	ttcttttaac	tctctgtttt	atggacgctc	ttgcattatg	360
ttttctcttt	cagcacattg	ggtttggtca	taacgaaagc	gtggggggccc	gggtaaggct	420
tcttggtcaa	gtgagaagcg	ggtganatcc	gcgacatgaa	gcgtttcccg	gtatccattt	480
ccgcctgctt	ttttttttcc	tggcgataaa	gcncctntaa	tgactttttt	ggggcttttc	540
cttttctntat	cctgtttatc	natacccttg	tttcgggtt	nggcatacgc	tgtttgcttg	600
g						601

<210> 2971

<211> 625

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(625)

<223> n = A,T,C or G

<400> 2971

caagattctt	caatcaggcg	gcaataccaa	aacagatgta	cagacattac	ctcttgTTTT	60
ccagcttgat	ctacgacgac	tcgacgagac	ctttagtTgg	tttgngggtt	taagcagttt	120
ccttaacatg	agtgtcttga	tcgcctcaag	tcctgcccc	acacaaaaac	cggtcactgt	180
tycacataaa	ccccgaggag	ttcgatttga	cactccagtc	gacccagacg	acaaatccgc	240
ggcatcagag	aacaagatca	atctgcgtat	tggaggctcg	tgggtggaac	tcattggaaa	300
agactgcagc	atgatcgccg	aaacaagtgc	tatcaagctc	ataagtcgag	acgaagtcac	360
tggcgtggct	tgtagtatga	tacgggtatc	tggacctcac	ctgaagaact	cgacggccga	420
ccccctatca	atgccgaaat	tggnggtgtt	cgggtggagt	tcttgacaac	tcccaaaaa	480
agcgatcttg	aaaaactcct	cgagctgatt	atccttcgaa	acatcagttt	gatggggaga	540
accaccaa	aat tatggtaaac	cccttctacc	caccaaaaa	aacggttcgg	ntttgagggg	600
taacngggac	acaatcagtg	ntcga				625

<210> 2972

<211> 113

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(113)

<223> n = A,T,C or G

<400> 2972

ncacacatga	ctnttttnatc	ggangncgaa	atgttttgcct	ctttgcacac	acgatgaaga	60
ggctcccttt	cnctttttta	gggggggctg	tcnaggaaac	nactttgaac	aca	113

<210> 2973

<211> 360

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(360)

<223> n = A,T,C or G

<400> 2973

ggcgagcacg	gggttattga	cgcctaccgt	gttacataaa	atctccgtca	caaccgggag	60
aacttcagat	aagaaagact	tagcattgca	tatgggggtct	agcggacctc	cgggcgcggc	120
acagggcaca	ggagttaggg	atttggtcac	cccgcgtaaa	gtttcgaccg	ccacggtgga	180
aanggaacga	aatacgactg	aatgatgcat	caagaggcgc	agatatctgg	tgattttatg	240
atctcttctt	cctcatttag	gcacagcgat	gaagtgattc	gatcctgtgc	ctgttttaaac	300
cacacatcta	tttagcgcca	caatttataa	taattcaaca	cttcccanan	aaaaaaaaaa	360

<210> 2974

<211> 860

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(860)

<223> n = A,T,C or G

<400> 2974

ctcagcacac	tcagacacaa	cccgaccaaa	gacggacgag	agcaatcgcc	gaccacaaaa	60
tcacctaaat	ggtctaccta	atctctacga	acactacgag	caaattgtcat	tccgctcaat	120
cattgacgat	gagttggacg	aagccgatga	ggaggagcgg	gttctggaga	agtccaagtc	180
cagggattca	caccaaccaa	agcccagcag	aattcttcga	cacagcaagt	ctgaacagcg	240
cataccaccc	gggccaccat	gcccagagcat	attgggtttcc	caataccgca	aaaacgcaac	300
cttacctcca	accaccacct	ctaattctaan	tatgggggcca	aagaagtctg	gacccaaatc	360
ctcaattttac	ttggactggc	gcttgcaagg	tggttttcta	gcaagacatt	accccgccaa	420
cggtcctaaag	gctttttcgaa	aacnggtacn	gaagtaggga	agtttcagga	tgccgatctg	480
cagggcaaga	gcgtgctttc	actatcctcg	gactccgaag	acgacgcata	caccgaatcc	540
tcttccaagg	gtcaaccttc	gatacctgag	tacgccacat	cggatactag	ttcttctatc	600
gacttnctgc	caggcacccg	ttcgaaactc	cgagagcgct	gatacagctt	gaagcggttg	660
agcagatcga	gcagaaagac	gacgggatcg	agcaactacc	ttgacattcc	caacgggcat	720
nacagaagcc	cccgttgngg	nccccaggtc	aagctnccta	tntggaagtt	cccaaacaca	780
attcaagaag	gactggtttg	accaacaccg	tcgcgcacgt	naagcctttc	aacttattag	840
taaacacttt	aaaaacgggt					860

<210> 2975

<211> 366

<212> DNA

<213> *Fusarium venenatum*

<400> 2975

attgaggctg	tttcatacct	tgcctctcgtc	ataggcgctt	gggttggtgc	tatcgacact	60
tgatctaggt	caacgcttgg	acacaattat	gtcagctctc	actgaccacc	tattttttata	120
tgttatccgt	tggaaattccc	acgagagatg	acgcctcacg	atatgaagcg	cgtcttgaag	180
gaatgcaaat	aacatcgggc	acacaaaaca	tttacatcat	tgggaggagt	tcaggaaaaca	240
ttattttgaa	ggggaactac	ggtccctcgt	cctttggaat	agcaataactt	tgataccctt	300
tgcattacac	atatcttttc	tttataggga	gcttaaccct	qcaaaaqccc	ttattttttcc	360
aagctc						366

<210> 2976

<211> 190

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(190)

<223> n = A,T,C or G

<400> 2976  
 nggttgccct ctataaaaca aaaaaccnncn atgcttttggga cgtgggatgtn ataagagatn 60  
 ttantgacac cccgggctaa aggaggagat ccccttgctt gcgcaccttt gcanttanat 120  
 aaactgnggc ntaaaattac ccgtggggat aatttgngat aaaaattggc tcaggaaaca 180  
 aagtttgccc 190

<210> 2977  
 <211> 141  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(141)  
 <223> n = A,T,C or G

<400> 2977  
 nttantttgc taagaatgaa tgctntttct ccatctggcg tatacaanga tgaccncacn 60  
 gaacgccttt taacacatgc cntgacaatg cgtacngagg atnaangtga cncatttgaa 120  
 cagagacccg gnattctcng t 141

<210> 2978  
 <211> 360  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(360)  
 <223> n = A,T,C or G

<400> 2978  
 ctccggcacca agcctcccag tctggatgga aagagcatca catcaggcac aacatttgcg 60  
 cttgacgaga aagaatcgct aagacctgac gatagcgga gtgttaaagc cgccgcanaa 120  
 gatgatgatg cttttctat tctgtggtca cttgttgctg gctctcgcat cgggtccgag 180  
 gtagctgctc gcgcccagg cattccccctg ggcgatattc cagagcgcag gttaccacaa 240  
 caaactccag gtgttgacgc tcaaggggtc ttaactccca aagttcttcg tccgaacaac 300  
 ccgntagtgc cctctaggn gcaactggtt cctcagatgc gcttggtgct atttataggc 360

<210> 2979  
 <211> 150  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(150)  
 <223> n = A,T,C or G

<400> 2979  
 naagatgggt gaaggcaagn gnagcttatg antcattgat tntngtttag caagcttnaa 60  
 aanaagcana ggaggatcgg tctaninggc tttccacan ttgctctcct atacnaengg 120  
 agtttaangg ttncctgcggt cnacaaaaat 150

<210> 2980  
 <211> 112  
 <212> DNA  
 <213> *Fusarium venenatum*

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<220>
<221> misc_feature
<222> (1)...(112)
<223> n = A,T,C or G

<400> 2980
ngggcccact gtcccnttgn tggagncttg aanaaaagtg tgtnttgaat accatggtac      60
ctctntaccc ttgnaaaatc cncatntac cgactttctt gttntnaaat aa                112

<210> 2981
<211> 528
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(528)
<223> n = A,T,C or G

<400> 2981
cgaactcttt aatagggagg catggaagaa gtccgccttc gctatgggtc tcgctatata      60
catctggatg tcccttgctg tagtcatttt tacttcggca acactcagtg tagtgacaga      120
tacgagagcc gaacatggaa attgcccatc tgtccgaacc ctcaacttta gcaatgacgc      180
caagaaaagc tgggacgacg ataaaagagc agcgaacgag acaatgcgtg gaatttcctt      240
atcaatgttc aatcaagtca tagcagacag ggactctcct tatcatttcg actactggct      300
ccagtcgcgc ccgccacttg attccatcgc gtcaagggtc ttanccggag gacagccgat      360
ccaaaaagat gaagtggctg atganatctg tgganaaaact gggactgtct ccactattca      420
cttntttgga ccgggataca aatgcgagca ctgcgccaagg cccactcaca atgaaaagtt      480
caaaaattac aaacccttta tntaccaaaa atgtgccgcg gaaancct                    528

<210> 2982
<211> 176
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(176)
<223> n = A,T,C or G

<400> 2982
nntantttgt gacaaaagacg nncctttctgc gattgggctt gagaagtagc tataggaagn      60
taaagctatc tctgagcgtt ctggacgaac cgacatccga actngtntac tctctganga      120
agactnttac ntaagaggga cnnngtgcta ttggatncca gnttagattt atcttc          176

<210> 2983
<211> 231
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(231)
<223> n = A,T,C or G

<400> 2983
nancttccag nnaagacatg agnacactga ggantgctca cgcttantgc caggaagact      60
acaggactta aatnncatac tcaatgggag acttaaggan ttatccccc actgagaaaa      120
aaaganaaag caacgaagtt tgattcttgg atgaaattcc anttacatta aaanccggtc      180
tcgtanagga aaggccccaa aattcctgnt ttanaagagg ccgaaccagc c                    231

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<210> 2984  
 <211> 492  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(492)  
 <223> n = A,T,C or G

<400> 2984  
 gggcacctga accgggtgct cctcatgcat ccccttggct tctttggtag ccattgcaac 60  
 agaagcaagc ttggcctgac tttgtttana taagaacggc aagaggtttg ctaaagagct 120  
 ggtctatggg tgaaagagga ggcaanaacg gataatggga acctgagcga aattccaaga 180  
 ggggttccca tcatttarag ctcatgggtgc accccatcgc caagccagct tgaacagaag 240  
 ggagggaaac ncttgaggct tggcctggct gagaanagaa ggtgagcgtt acgaaattct 300  
 ctcttcagtg ccnagaggac aagcatcaac tccctgggtat tgataacctg gggtgcceng 360  
 gtagaccgat gggggaatca ctggttggct gacattgttg agaaaaccca agancctgt 420  
 tggattgang attgggattt gcccgacgaa gcgacaatcc aacctgggaa tgcangcagg 480  
 cgantctttg ga 492

<210> 2985  
 <211> 535  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(535)  
 <223> n = A,T,C or G

<400> 2985  
 gcataaagtg ggcgcgttaa gtgctgccat cgcattgtgc ctgcgacctc gatcctttgt 60  
 tctacatatt cttacagtta atcacaaaaca caactacata cataccttgt ggcgcgcttt 120  
 ataaaacata aagcacaagc tccaaaacttg ctaccattct tattcagtgc aggctaacaa 180  
 gcaactctgc gtcaacatga anaaactgcc tttcaagccc actgcgatgc gcaaggctgc 240  
 tcccaagcca actcagccag aagaagcaaa cgatagtgc gatgatggac tggctctgtt 300  
 taaccgccga aaggagatgg tgtntgtcat gcaagcccg catcgaccgg cgctcaagaa 360  
 acgtcgcgca tntgactctg angaagagcg tcncaactcg agtnctgaa gaaaaccacg 420  
 cncacaagcc cgaanatgtt cangactctg gggttttagt cagtatgaca caacgatgtc 480  
 caggaaanacc ttcatccgtc aaccaagcaa aaaactctgt tganaagagg cttcg 535

<210> 2986  
 <211> 349  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(349)  
 <223> n = A,T,C or G

<400> 2986  
 ngggcgggana acantrtttg aacaacctgg tgatcnanll ttggccctta tccactgggt 60  
 ntgctcagaa ccaagtcgtn aaaaaacttca cgaggntttt aaggnggaat caaaaagcc 120  
 ttttttgagc caacacctg ggttttttta aaaacttttt gactgttccc ctgcccacct 180  
 ttaaaagttt ggttttgagt tttaccaagn gttggcnaaa cggtttgcca natecacttg 240  
 cncccnnaaa ggtacactnt ccttttgga aaanccgccc cncctgggc gtttgnaaaa 300  
 ccggggcggt cctgatggga ntgtganaag gncctggac aattgatgg 349



<210> 2987  
 <211> 184  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(184)  
 <223> n = A,T,C or G

<400> 2987  
 naaaccccnng ggcaaagggt gnggggccct tgaccatgca ttanaggng ccaaataaac 60  
 ntttcngaac ntaancagt gcttggtccg gggattaaaa ctgggncatt nggaanaccc 120  
 ttgtgggacc gactcaatct cnttttcgga aaaaaatttt taanttgcc aaatgnaaaa 180  
 agcc 184

<210> 2988  
 <211> 157  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(157)  
 <223> n = A,T,C or G

<400> 2988  
 nggocnatte cccctatcgg ganaagnaat aacaaaaact ngccaccttt tacaacgggg 60  
 naaatggnaa aaccccgccg atcccaattt atcccttgga aaaatccctn tccccagcg 120  
 ggggtatagt aaaaaggccn naccgttccc ttccaa 157

<210> 2989  
 <211> 174  
 <212> DNA  
 <213> Fusarium venenatum

<400> 2989  
 agcgccattg ccattggccg tagagcacac ccattaccag ctctcgccct gtcaagatat 60  
 gcacggatca atccctgagc agcaatcaaa cagaacgagt ctacgggcc aaagaacaat 120  
 actaagcatc aaagccacaa aatgcaagaa caatactaag gccagcctct cccc 174

<210> 2990  
 <211> 160  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(160)  
 <223> n = A,T,C or G

<400> 2990  
 naaaanaaag aagnacttat caagtttntc ctgcgcgnc aactttnga aacaagtctt 60  
 gaaanaaat gtgcacaana ntttcttgng acggunganc atctttana ggggcacaaat 120  
 tgccctntng ggagtccgnt taaanacatg gccgattttt 160

<210> 2991  
 <211> 102  
 <212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(102)

<223> n = A,T,C or G

<400> 2991

nacgggttnc	aaaancttgn	cccttttttnn	aaaaaccgga	ttggganacc	ctggatnacc	60
caaattat	tcttgcccc	cattncctt	ttngggaata	nn		102

<210> 2992

<211> 243

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(243)

<223> n = A,T,C or G

<400> 2992

nttcaagctc	cttgccgcatc	atgncgtaaa	gactttgggg	ttgtcgaggt	agagannctc	60
ttcacctcna	tcacgggtcg	ngcttgccag	ntatttagan	gcccgtgcn	atggnaccna	120
cccgcgaagn	cctatganct	ctgacaacng	ngatattgtc	acgcaaaaaa	canaccgctg	180
acctcaacct	gatatgtcat	gncagggggg	gaaanaagct	ggatgcgaaa	nctgntgggg	240
tct						243

<210> 2993

<211> 102

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(102)

<223> n = A,T,C or G

<400> 2993

nttttggggg	aanaangggg	attttcagcc	cnctnaaag	acctcgggac	cccctttgcc	60
natccccttg	gnaatanaaa	tgtgtggcng	anaaggtanc	cc		102

<210> 2994

<211> 280

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(280)

<223> n = A,T,C or G

<400> 2994

gtcgacttca	tgcacaagga	agtcgttcc	ctctacaacc	gcttcgatga	ctcagctgcc	60
ggcgtgtgta	aatttcga	ttcttggggc	ctattccgca	ctggcgatct	catctacatg	120
cctgcctctg	gcgagaccgg	gggacgatac	cacgaagtgt	ggcgtgtgta	cagaaccgcg	180
accagagccc	tgaaactctt	atcccacatc	tggctgggac	ttcttcccca	tgagcagcna	240
atgatgagaa	ctccaagttc	aagatttccg	cttactacat			280

<210> 2995

<211> 129  
 <212> DNA  
 <213> *Fusarium venenatum*  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(129)  
 <223> n = A,T,C or G  
  
 <400> 2995  
 naccgttttn actggtaaaa ccttggccta accanattat tencctcncg ggccaaccgc 60  
 ttttaacncc ttggccaaat aancnaaaag gtcccaaaaa aaggnccttt cnaaattttc 120  
 cccggggtt 129  
  
 <210> 2996  
 <211> 205  
 <212> DNA  
 <213> *Fusarium venenatum*  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(205)  
 <223> n = A,T,C or G  
  
 <400> 2996  
 nntatcttaa cttggcaatc ataagggnat aaangccatt gnaagnggct nccctgatca 60  
 aataatgaat ntcangctgn ccggcgaaag ccgtggatga ccttaatgtc tgcggaaagc 120  
 tcaccacanc ntgatagggg annatgacgc taacaaagct gccatcgan ttgaaagccn 180  
 tgtggatgcn aangtagagg ctggt 205  
  
 <210> 2997  
 <211> 159  
 <212> DNA  
 <213> *Fusarium venenatum*  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(159)  
 <223> n = A,T,C or G  
  
 <400> 2997  
 ngcgggcncct atancctgcg cactggacag agttgntttt ttccatacga cactntgatg 60  
 aatgccctca aangggagtt tenccgagg gagaaattgg gtcaattcaa aaygttttga 120  
 taacaaaaaa aagtcacccc atgggggtgg ntngagttc 159  
  
 <210> 2998  
 <211> 111  
 <212> DNA  
 <213> *Fusarium venenatum*  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(111)  
 <223> n = A,T,C or G  
  
 <400> 2998  
 nactgattta nagaccatnq caagctgngg aatgttnntc caccaggagc aggatttata 60  
 tntggctccc gggggggaca aaaanaattg gtgaagaata gtcgaagtct a 111  
  
 <210> 2999

<211> 440  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(440)  
 <223> n = A,T,C or G

<400> 2999  
 ccaacttctc aacttcatat gctgaaggct ccgatggcaa ccagacagag ttcttcaaca 60  
 ctatcttcga aaacaccggc gccaaattag aagccggctt ccagtggtct gtcggtgata 120  
 cctttggcca gttctgggga acatggctcc ctgaggacca actttttagt aactactccg 180  
 acgttgctag caatggcaca gcctttgcta tgggcgaagc tcttatgccc atcatgtgct 240  
 ttgcagaagt cgtacctggc aagtcacccg agatcggaaa gctcatgttt ccaactcga 300  
 acaattccaa tctcttcaac ttgacggcct atgaaatcac accatacaal ttggtttttg 360  
 ggctggtngc cgtnttcaac ttccatacca accaattntc tccgcacntc catntttgaa 420  
 ggcaaaccac aaaaanaaac 440

<210> 3000  
 <211> 602  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(602)  
 <223> n = A,T,C or G

<400> 3000  
 cctcggatca cctgcgcgct cgtaaaaagg ggtatcgcca aaaagagaag tatagtaaaa 60  
 ccagtttgtt caagaagcag agttactgaa atgaacatgt attgtttccg cgtcgccgac 120  
 gtcgtccccc ctcttcggtc gtccactctc tttgcggcag cagagttgag tgaagagatg 180  
 ttgagtata acaatgttaa aaaggctctc agccagtggg atgcaccagc aaagaaagaa 240  
 gcaaaatttt ggaacctgtg tgccttgtca aagacaggcg cgatgaacga aaaaacaatc 300  
 aacttctgta aaggcaaatc cttaactcct ccaatgttaa ccagcacagt gtcacctgc 360  
 aaatggatc cttgcgtttc ctccataaaa attagccgcn ctttgccagg tttaaaaggt 420  
 taaatgaaca accatgaaga catngatgtt ttgcgaattt tntttaccac atcncgaaac 480  
 ctcagattcc ttccntaca ccccccttac gaaaaacgca cgaaagcncc acacnccacc 540  
 catgggaant tgcccacaat aagnactccg cgtttctcag gaaccgaaaa gccccaaaaa 600  
 cc 602

<210> 3001  
 <211> 469  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(469)  
 <223> n = A,T,C or G

<400> 3001  
 tagagagggg ttctccttctc ttctcctccga gacgcttgct cttgagatgg ttcttgaaac 60  
 aacgaaatta gcatgggatt ctccacacca tggagggcgt ctacgaacg ccaagcgoga 120  
 tctcgatcga aacctcgccg cttcggtctg tggcaatggc tcaagcctng aaaacgagcg 180  
 tctgtctgaa gctntgttgc aatacctgcn gagacagtac tggcctactg aggggtgacga 240  
 agcttacaag tcaaaattat tcaaagaggc ggcggcgagc atgggagtgt acnatttgtt 300  
 gaaaaagagt gtaaaacagt aaaatagggg agcattataa cggcgcttag ggaatcacga 360  
 accatctcct gacgatattg gaacatgtat attagcatac aaaggggccat gtcctgctg 420

tggaacgaga tacaaagtca tcttaaggaa tactggtnga ggatgaaaa

469

<210> 3002

<211> 407

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(407)

<223> n = A,T,C or G

<400> 3002

tatgctcgga	cttttgtgat	acccttggga	aaattctcgg	ttcaggtact	gatggatcga	60
tctacttttt	ttttcttttt	ttgggttgaa	cttgggaagg	gaatagagct	tgcgctcgt	120
tgcacaaat	accattattg	ttgacctana	gtggtrggag	gagaggratc	ggctttacag	180
cggacagtgc	cctctgtttg	aggaggttat	tgtacaatga	cccatgtgc	ttatacacac	240
tgcacaaact	agttggccag	catgtttgca	catagggcga	tggaggtttt	ggttagcgtt	300
tttgccccac	aagcttccat	gaattacgaa	gcctgcctgt	ttgcttacc	atataacttg	360
ccccatttta	aatatccata	aatcccacgc	cttgttttga	tncgttt		407

<210> 3003

<211> 521

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(521)

<223> n = A,T,C or G

<400> 3003

gtcggaggaa	cgcaaatgga	acatgacgag	gtgccgttga	cgagagacga	tgacttccag	60
cacggttaca	attctgggtc	gggacgtatc	agcgaagaag	aaccacgacc	aggaatggct	120
atcagcacgc	caggccatgt	aagcagtcct	attcaaccat	atcccggacc	tcgccgcgac	180
ggaggggggc	cattatggca	acagaatcgt	ggacctggat	ggttttaatt	gtgtataata	240
cgacggaggga	aaaaagagga	gacagcacat	atataggttg	tggatgatgac	cacgattatg	300
gtttcgtttg	ggaattatta	cggcgtttgt	tggctccagca	tggggagttg	gtatccgggg	360
ctgtttttat	ataaagaagg	gctgtaatga	gcgattcaag	tccagtgaat	agatggactt	420
gcggtatggg	gataacgaaa	tacgatggcc	caacngcatg	aaatattagg	ttcattggta	480
gatagttacc	gtacaaaaga	aaccgcgancg	ttnttaacga	a		521

<210> 3004

<211> 206

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(206)

<223> n = A,T,C or G

<400> 3004

ngatgacacc	gaattgaang	gcgcgcgcna	nacaacattg	accnggccaa	acgcancagg	60
catcgattgc	gateganana	ttcttatcaa	cctgcattct	tatctcatct	aatctnatct	120
catctcaccg	nttcccatct	gaactccccg	ngccganacg	cgtnttgcgc	aatgtttatg	180
tattcgatc	gcccattggg	ggtggg				206

<210> 3005

<211> 250

<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(250)  
<223> n = A,T,C or G

<400> 3005  
ngcgggggta tggaagaagt agacgccatg atggacaaga tgncttgca actanactca 60  
acgcgnatca gtagtcangc cgaagccgac gtgcttacat gangaaccac cgtcagccag 120  
gatagaacna atcttttnaac ntgttctgan gactcgggaa tctttcattg aggganaaca 180  
gaggtttttt tcagaacctt acccgcggn tgcangacga aacccaantg ganacctgtt 240  
aacgattcta 250

<210> 3006  
<211> 144  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(144)  
<223> n = A,T,C or G

<400> 3006  
nctgggcgnc atttanancg cttggaatgn aaaaancctt ncggtaccna ncttaatagc 60  
cttgggggag atcccattn cctgcttcg taatnccaaa aagcnctcnc ggggtttant 120  
ttttaacctt tnaaaaaaaaa accg 144

<210> 3007  
<211> 357  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(357)  
<223> n = A,T,C or G

<400> 3007  
nggggttttt ttnnttttgg gtaaaccac cttagacgac tcatattttg acttctgctc 60  
gcattcaatc aaatttccac agaaacaaag gcaggataac gatcaagtc atccctcag 120  
cagcgcaggg ctttccctct ccatcctttc cagtgcagaa aggaggcgag tatctttccc 180  
tcattagcac cgccaagttt tgaaaacaaa aacctttcat ccccatgcaa agttcgtagt 240  
aagaaaaggt cagcaagtta ttgtgttttg tcgtaaaatg gtgaggggga tagtagaaga 300  
aacaggacat gtttgtcgaa tagtttgatt gaaccacaac atccacacat ccttcaa 357

<210> 3008  
<211> 104  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(104)  
<223> n = A,T,C or G

<400> 3008  
naaatngat cntgggactt ttggnataac cngctgatat aagaatcttg ntatcaatta 60

gcatacattg aacgtataca ccngcactac ggattgaggc ggac

104

<210> 3009  
<211> 112  
<212> DNA  
<213> *Fusarium venenatum*

<220>  
<221> misc\_feature  
<222> (1)...(112)  
<223> n = A,T,C or G

<400> 3009  
ngngtgtaat acaatgccgg taaaaaact ttntgaanta tctttcccccg tgtctggttt 60  
tgcnaaaaaa atctccttaa tgtggncaac cagagnggct tctaanaaaa tt 112

<210> 3010  
<211> 574  
<212> DNA  
<213> *Fusarium venenatum*

<220>  
<221> misc\_feature  
<222> (1)...(574)  
<223> n = A,T,C or G

<400> 3010  
cattcagttt tatcaaagct aattgtcata tcaacaccaa gataccgcaa aatgtcagcc 60  
ccaacgcatt caaatatgca aacaccaccg aaagatgaga gcgactcttg cagtcggcca 120  
acgcatcatt tacaagagat caaagtcgga gataacagcg ttcagctctt gttgtcgaca 180  
aaagatcacc tctatgacgc caaagacgct ggagctggag tcaactgtta tcaagttatc 240  
ggttcttggg aagaagctca gttcaggaac ttgccaaggt ttttaagcaa cgccaagtca 300  
tcgaaaatcg gcagtcctct acgtacgctg aggcattctg ctttgagaga catggggcag 360  
gaaagtctct agcngaagcc aagcgaacaa cataatangg ctgtgaacgg gccgcaaagg 420  
anaaaatgaa actatcttgt tgatcgcata taccctccac tcacgcaaac tcgtctaccg 480  
tactttcatt gcgcccatatc tgccccggtt ctggatntca ncaccggtg aaactacctc 540  
tgaaacngac ccaagaattg aacgatcgtc ccng 574

<210> 3011  
<211> 116  
<212> DNA  
<213> *Fusarium venenatum*

<220>  
<221> misc\_feature  
<222> (1)...(116)  
<223> n = A,T,C or G

<400> 3011  
nagagatana ctttctntct ctccctgtgg taacaangtt tagaactctt gectgcagga 60  
atcgngaatt agtttatagg ccctaaaagg ncttatcttg angtcggaac actggt 116

<210> 3012  
<211> 278  
<212> DNA  
<213> *Fusarium venenatum*

<220>  
<221> misc\_feature  
<222> (1)...(278)

<223> n = A,T,C or G

<400> 3012

gttactagga	catctgcggg	tttctgattt	ttttactctt	ctcttctttg	gttctgctta	60
ttaggggtta	cttctcctct	nataccccag	aaaaagctcc	tcccagggtg	cagggagggg	120
caaaaaaac	tttgcttttt	cacaaaaatg	gcggtgggct	tttttgctaa	tcatgaatcc	180
ccccttcgag	atataaaaaac	ngatgatgaa	tggaatgaat	atggatggat	atgaccaaga	240
cgagacctcc	cccacangga	tggaangaat	ggtacctc			278

<210> 3013

<211> 601

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(601)

<223> n = A,T,C or G

<400> 3013

naaaaagctn	caactggngg	anaatacttc	ccangcttgn	aaaaaccacc	ngcttaaaaa	60
tacgaaacct	tttnttttagt	acctggagcc	agcgggcgtc	cccaacgcgg	gagctttttt	120
gcttaaggnc	agcaacaaca	gcaaccccc	ttcaaagcac	gaacttcaac	gcactttaaa	180
gtggcccacc	cnetattggg	tgngggcgcg	ganctggcgg	gaagaaccgg	ccccaagaac	240
ctttcggtgg	gaccttaagg	aaggacctta	aangggggtc	ctttttggtn	caccaaagga	300
cttgggaagc	gcttcccccg	tcacaagntt	caagaagacc	cgacaacaaa	gccgagttca	360
acccccagtg	ctcaaaccat	gcccccaaaa	cctggtaaag	caggggtccaa	cgacatttga	420
agatatgggt	atttcacaan	gaaaagcgga	ccgngattgc	gtttgtcatg	tagacctggg	480
gagtagatga	acaagatcac	aatggngngn	ggaagcattg	aataattgat	naaaaacaca	540
taaagctttg	gacanggggt	tttttttgga	gttaagctta	anaaccggaa	acattggtat	600
t						601

<210> 3014

<211> 209

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(209)

<223> n = A,T,C or G

<400> 3014

nccaaacttaa	togttttacac	cacatgcctg	ttaaaccctt	gcgtacccaa	aaaaagcccg	60
tgngatent	cottctttcn	gtgggtggagc	tatacgacag	gagttaacgt	tacnctttna	120
aaagaganc	gtttaactgn	tggggntgnc	gtacnatttt	tgcccccgcg	caacgggtggt	180
atcccttccc	aggacttttg	gtccccagg				209

<210> 3015

<211> 613

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(613)

<223> n = A,T,C or G

<400> 3015

gatactccag	tcattggttcc	tactagctta	togtaaggca	atnctggact	cattccccacc	60
------------	-------------	------------	------------	------------	-------------	----



gtaacatcca	tagcagcagg	tggaaacaac	actttnttta	ccgtagacgc	aaagacttcc	120
accatttcctg	gcagcaaaaa	ggctctggcc	ccggcgagaa	ggctcccgcc	tataaccacc	180
gacttggtggg	cttgcgcca	aggagtctac	ggaacattgg	gcaccggccg	ttggtcacat	240
gtgtccccc	agccaactaa	ggngaagggc	ctgtcgtctc	tcttcgaatt	tgacgaaaat	300
accaacacga	tgtgccctat	caagctcaag	tctntttcag	tengcgctac	ncattggtca	360
actattatgg	ataacgtgac	aganctctcg	gtgtctaaca	agggaaacga	naatgaaacc	420
actgggngct	gatgtctatt	ctggggnggc	aacnaacact	tccacttggc	ctggaaaaaa	480
acaaatttaa	cgccctgcta	tttccactnt	gatatccaca	aatctccaag	gaaggcanag	540
gttcatcant	gggtgtactc	tccanaaate	cctggcgggg	aaggggnaaa	aatnttgacn	600
aaghtaattg	gaa					613

<210> 3016  
 <211> 145  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(145)  
 <223> n = A,T,C or G

<400> 3016						
naaangagtc	gtattgaatt	actggccgtn	gttttacaaa	tcgtgattgn	gaaaacctgg	60
gggacccaat	taaateccctt	ggagacaacc	ccttntaaag	gtggcggaan	aacgaaangc	120
ctnccaaatg	gcccttacca	atagt				145

<210> 3017  
 <211> 628  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(628)  
 <223> n = A,T,C or G

<400> 3017						
gaaaccagaa	cacgtggcat	tgaagtgggtg	tagcttgacg	aggggccaga	tgccgtgtacc	60
aacttatgat	gaaggcgct	tcacttgatg	aacaacgaac	cgccaccgac	atttgteect	120
ggcgccagca	naacagacca	atgctcatgg	ttggtgggta	aagaaaggct	gaatgatggg	180
tctaataata	tagggaccog	ttcgtccttt	taatccgcaa	gcgccacgaa	acagggcgac	240
acgtatctcg	gcgagtctat	tcaggcgatg	ctggccgaat	atggtggagc	aacccaagag	300
gggggctgga	aaaaactcan	cgccaagggc	gtattcaatg	gattggaagl	cygyattctg	360
aaaagtccaa	tttgcaattt	cgaggcgaat	angatcgtat	natcagttcc	atgatggagt	420
ctgnganatt	tttacgactt	ctttcgttta	catggcggan	ctgctcgga	acggcccaag	480
attaacgggg	ttcttttggc	ggnggctctt	ttttaacctt	ttcgtcttgt	cntttgggga	540
taaatnangg	gcgggtggcn	ctcagaattt	acttgncaaa	ttttaatcnc	ggngaacna	600
acngccgag	nettttaccg	gtggaatt				628

<210> 3018  
 <211> 119  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(119)  
 <223> n = A,T,C or G

<400> 3018

nattaaagag aacctttggt ttttcnnact ttgcctttgn ccatgaaanc agactcatga 60  
ntaaaactcc aattatanaa gntcttttgc ttttttgggga aggtaanaac nattcttaa 119

<210> 3019  
<211> 175  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(175)  
<223> n = A,T,C or G

<400> 3019  
nccgccttgg ctttaannaat gaccttttgtt ctttttnatg gaagntttntt cgcctctccca 60  
aaccgggaaga tctggggaat tnggggttnc cgagganctt tnggggcacaa actggttgaa 120  
aaatggcaaa atgaatcntg gggcgggttt ttggaatgca atgnaaaagg tgtct 175

<210> 3020  
<211> 590  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(590)  
<223> n = A,T,C or G

<400> 3020  
catgatcaat ctgtttatcc atcgtgggca taaatcgtea ataccttccg atacacgtat 60  
atcgaacact gttgttactt gaattaccca aaaaataact catttactat taccatatgt 120  
ctaaaagcac cacatcgtga caacgttggg ttcacaaaagc gttgccaaga ctcaacgtcc 180  
gcaccccgac ggacattacc ttcacaaaga ccatgagata ctctcctgaa caggtaacaa 240  
ttgaccatca tcaagtactc actcatctga ggctctctaa tcttggcata cagtctactt 300  
cattgaaatc atcctactac tcacaacgct caccactaac cactcacaat caatcttatt 360  
tagctgccta tccaagctac gtcaacaaac gaaagccacg atgcatcact aaccaagaaa 420  
tctgtagtgt cctagtgaact tgtatctaga tagatcaagg ttgctgcctt attctgcggc 480  
tgaaatcctt tgaagcatgg aatggatgaa atngcattga attgggttat gttcatacac 540  
cttttacata agcttacttt tgttatcgtc tgtatataat tataatctag 590

<210> 3021  
<211> 104  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(104)  
<223> n = A,T,C or G

<400> 3021  
nngtttttaca gggcttaaaaa gtncttltngg gaaattctta cctttgcctt gncognatntt 60  
ctaaaacnnt tgctgggnaa aaccttgggg aaccactta aatg 104

<210> 3022  
<211> 142  
<212> DNA  
<213> Fusarium venenatum

<220>

<221> misc\_feature  
 <222> (1)...(142)  
 <223> n = A,T,C or G

<400> 3022  
 ntcttttttgg gcgaggaatg tactttggttt ttaatcgact tcgaaaccaa gggngnnaaa 60  
 ccatcaatgc ttgaactttt gatgagggcc ccgnagangg actntgaaac ctgctnttaa 120  
 aatnnccaac ttaaacagga cc 142

<210> 3023  
 <211> 624  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(624)  
 <223> n = A,T,C or G

<400> 3023  
 gtttactctt taaatcgcaa agtaaccatg gagtcttgtt ctacgtgtgc aactatcctc 60  
 tcgtcaacgc cggcttacac aaaaaacgaa tcgtctctac cgcaagaccg tcgagtcgca 120  
 tgttggttga naatcatttg tggcaaatgc attcatgttc gtcattctatc tctacctcct 180  
 tctcgcgatga ccgcaacgtg ggttgtagct gatgctcttt tatggnacct aagaaaacga 240  
 gcgggttgca gattattgcc ttactgcagg gttcaacagt gcctacttca cttggcccag 300  
 ggccctganag acccccggtt tattcgatcat tctanctcgc agcccatatt taaggagccc 360  
 ccccccatat taacancttc aacgaacnca gatgtcgata caagaaggca cattggcaca 420  
 ggatgctttg aaggaggatg ccccaaatat tctgcatttt ctcanatcg catganagat 480  
 cactttttatt ttccaaacgg gggccggttt tgtttttcaa aaacacaata tnaaagcnac 540  
 acttggtttt gganaaaaaa tctgatcctg ggagactana aggggggnaa ctttttcnec 600  
 concaaggga aaaaaaaaaa aaaa 624

<210> 3024  
 <211> 180  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(180)  
 <223> n = A,T,C or G

<400> 3024  
 nccagccgan gngtaaaaaag cctgtgcatg cggccagnaa cattcnccgn ccgccttttt 60  
 cnangacttg nctgtaaaaa accccgntct gtcnagaccg ntgggtccata cttgtcccgt 120  
 gannaaaatt tccnccgnca aaccctacgg ttgttaaccn cgaacttcng ncccgatgtc 180

<210> 3025  
 <211> 123  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(123)  
 <223> n = A,T,C or G

<400> 3025  
 ntggtnagct ccantatggt ccncttttatt gcacttccac cggcggagge tacgntatcc 60  
 ggaanggagg ngaataaaa ctgnattcct ggcnadaact ntcgaganat atatgggctg 120

tta

123

<210> 3026  
<211> 127  
<212> DNA  
<213> *Fusarium venenatum*

<220>  
<221> misc\_feature  
<222> (1)...(127)  
<223> n = A,T,C or G

<400> 3026  
cgacatctcg tntcaccccc cttegtntna acaagtcttt tccacatnan actgccanca 60  
ggactnatgt caaaatgact tccnccgggc ctatcnacaa cnacgccatc gnccgtcagg 120  
gctnqta 127

<210> 3027  
<211> 242  
<212> DNA  
<213> *Fusarium venenatum*

<220>  
<221> misc\_feature  
<222> (1)...(242)  
<223> n = A,T,C or G

<400> 3027  
ngcttggttt gaagaggaat ncacgctctt tcaatcnatn attctacggc gaancaacgc 60  
ccncaggtt ncaaaccctt tnggagaagt ctcatgggna ccccaacacn tgtggccaga 120  
cacatgaaca nttttactcg gccccanggt atagaagctt tnacagacca aancttaaac 180  
tattatngct gacanttggc ccnantttac cnaaagaaca cccttagacc ttgngtgagg 240  
gc 242

<210> 3028  
<211> 230  
<212> DNA  
<213> *Fusarium venenatum*

<220>  
<221> misc\_feature  
<222> (1)...(230)  
<223> n = A,T,C or G

<400> 3028  
tgaggatggc acctgcgttg gaggagctgt ttaatgaagt cttgcttttg atgggagggc 60  
gacgttaatt tcttttgtag tggtttgcaa catgtttatt gtttaacaat tcccccttta 120  
gataccaaac ctggatgaaa accactctag acggatgac ttcagcaggc tgtgectact 180  
qatqtqaacc aatattacta gttacagaan aaaaatgaaa ananaaccaa 230

<210> 3029  
<211> 149  
<212> DNA  
<213> *Fusarium venenatum*

<220>  
<221> misc\_feature  
<222> (1)...(149)  
<223> n = A,T,C or G

<400> 3029  
ncaataccaa acgtattnct gcagtcacaa ctttctctta ggcgattcng tggggccacc 60  
tgcccnecat nggtctanca ncaccaacac ggccttttga tacattctct tcaaaagcga 120  
tgattttngg ctncatngga gnttatcag 149

<210> 3030  
<211> 247  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(247)  
<223> n = A,T,C or G

<400> 3030  
gtggcgatt tattgagtag tttattctct gttttccatt tcatgttoga tacaaaaaag 60  
gatacgcat agaagcctac caagttgtca aaggtgggcc atgcatgat gatgactgct 120  
gacataatga cgttcgcctt accctacacc gtactcccct ttacgactgg aaaccttgaa 180  
gattgtaggt tatagtctgc attataatac acgcaattaa tcaaaagggt tcgaaataat 240  
gatnaan 247

<210> 3031  
<211> 358  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(358)  
<223> n = A,T,C or G

<400> 3031  
ctcaacagaa gcaggtccg gcaccttgac aggtccagcc ttctctgttg ctcccgagggc 60  
cacactgggc cgcctcgctga cgtctctcat agagctaccg attgacgaga tagagctoga 120  
cacaacgcta ccagcatcgg atctcagggc catgttctcg gacctcaagc ccgagacctc 180  
cacagataat ctcagcactt gcgctgactg atcatcctgg gtgtgtatca tgccctctcat 240  
ctggctctct aatccatctn tctcaanaan accacgggcc ggcagctccg gctcaggtcg 300  
tgcanaatgt ctttaagcca tganaacatt nttctttntg gcaaaaactc cgtatgac 358

<210> 3032  
<211> 244  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(244)  
<223> n = A,T,C or G

<400> 3032  
gatgaattgt gccgagtaaa gagctggaag ttgagataat acatgggtaca atttgaaaag 60  
gtgacatggc cgcctcgatt agaagagaaac tgcgagcgat attgtcggca agcagacatg 120  
gaogttaagg aggtcggacg atagatgacc attcaaacat gaatggctgt atgcgatgcc 180  
tattaacatc agcgagagaa atgataacct aaaaaaaaaa aaaaacaaaaa aaantaaaaa 240  
ataa 244

<210> 3033  
<211> 586  
<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(586)

<223> n = A,T,C or G

<400> 3033

aggtgatgct	acggacgcac	agcgaggagc	gcaagagtgc	acgattctgg	aagaacctan	60
caggcaaggt	tggcctgcga	aagtaacttt	ctttctttct	tcaaccttta	atgacctacg	120
ataccatgac	gactagacaa	aaaaaaaaaac	tagaagtctt	tgggatggat	atagccagct	180
ctcatggggg	ttgcttggcg	ttttattttt	cattttttgc	catttttgca	gagatacccc	240
gactcatgtc	attccttcat	tttacgtctg	ggacattgga	cccgatatag	cctcgacggc	300
acacaacata	tctggtcgca	tcagacctgc	acatattggt	tattgtttag	aaaaatnttc	360
ataattggaa	aaagccctgg	ggcataacga	aaaaagegaa	aaatttaaaa	gggggggaac	420
cagggttcaca	atgcganaaa	aacaactctc	tttgactccc	tgattttgat	ttggttttgc	480
cccaatgccc	nacatttttt	gttcnctgct	tgnacacnca	cacacacaca	cacacacacc	540
tttatctccc	ggtntgaccc	aatgatngtg	aanttaggaa	anggac		586

<210> 3034

<211> 445

<212> DNA

<213> Fusarium venenatum

<400> 3034

cgcatacata	ccaatggcca	tcgtatcata	gtatagcaat	cttcgacttc	ggagactttt	60
gtagttgtcc	tgaacaggta	ggagagtatt	tctaggcctc	aagaccaccg	aaagttccct	120
tgtagccctt	ggctggcatg	tactcagtgt	cttgcgacat	tttgtgtcgg	tgtggtgaaa	180
tcgaagcaaa	gcaaatactt	tgtcctgtca	aggtctgtga	ttcgactggt	gagacgcgga	240
acatatgcaa	cgggcgtctc	catgcaacta	gaaggttttg	acagcaagtt	aatcacttgt	300
tgatcagaat	tttcatgcct	aactagttga	tgcctcaatt	ccatgcgcgt	ggtgttttgg	360
ttgagcttgg	ataggggtgtg	gtgttaaagt	tgatgagatg	ctgaattgca	agatgaacag	420
gtagacaggg	tgagttagta	ccaaa				445

<210> 3035

<211> 210

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(210)

<223> n = A,T,C or G

<400> 3035

cgatcttata	ttgtggagat	gttttgatcg	gcttttagatt	gataaaggct	gcgtttttta	60
ggcttctctt	gatcaatcga	cggaaactcg	ctcgcttgga	tggattaccc	cggcggatat	120
aaccaagatg	agtggtagta	tcgtataaac	ccagtttagcg	tatcatttgc	aaaaaaaaaa	180
anaaanaaaa	naaataattn	aataaaaata				210

<210> 3036

<211> 543

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(543)

<223> n = A,T,C or G

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<400> 3036
gagcgtgatg aggcaaactcg caaggcgaaa cgggagaagg tggagcgcac tgaacctatc      60
accgtaactt cgacagcgat accagctgcc gagggcgaga ccacggaatc tgctcaagct      120
gcaccagcaa agccaaaaaag cgggaagcttc aaaaacttct tttaaatgta aatgggttcca      180
acctcatggc tgggtagtcg tatacagatc tatggactaa gaaagcatat ccttgaagat      240
gccgggggtt gcgacgaag cttgcagtga ggcttttctt ggctcctctg caggtgccac      300
atcattcgcg agggcgagaca ggagagcagg aagaagatcg tccgtcgaca aagcgaccct      360
tacgccctgc tcgccttggt gattgggggtc catacccgca aaaaacttat cctcgctctg      420
ataccgccat gctgatgatg gcaatgggca tgccccgac ctgagctcgc tttggcaagt      480
cgcaagcaga aataagtggc aagtgangtg cccagcacga agtagctttt ccgcattatc      540
gat
543

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<210> 3037

<211> 246

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1) ... (246)

<223> n = A,T,C or G

<400> 3037

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ntcgcaacaa acntgntgat cctccatntt cnctggcgct tacatggggc actggcangt      60
cagaantgnt cganaacct caagagactg acgaagagtgt gtggaagcga canatctcgc      120
ctgagcatga cgagatgagg gaagctggca gacattagna tcccgattgg agaanantcc      180
gagcgtgaaa gaagatctgg aactaaaaag ttcccnngtg aggatcatgg aagtgtggcg      240
gagaca
246

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<210> 3038

<211> 625

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1) ... (625)

<223> n = A,T,C or G

<400> 3038

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cagagacggc aatttaattc ccacatttgg cgcgtggtat cagagagtcc ttttacagta      60
cgccagcaaa gactcggcct tgcattgtct agaacaagca cttcttggat cttgagaaga      120
tgcgcaccaa cgcaacgaaa aggaaattca acactllact acaaggccta ggaccaccga      180
gcccgaacaa tgtcgacgac acaccagcgc acgacccggg cagcactgcc tctcctggct      240
caatagctcg cgcattccgg gtgcatttag agctgctgca gaaacgccga cgacttgggt      300
ttccagactc gactgtctct aagctgggaa agagggccaa cctatcgggc accatatctt      360
caattatctc tcgacgcccg caaagccaag actcgtctaa aagttccaat gcaccacccc      420
gcacgatatg cgccaaccga tcgaggagac ttggtgaagc gactcggtac ttttcaaaga      480
ataaacagac tgaacttccc aaagcccgaa qagtqaatqa ngtqqaatgg gcgaaaccgt      540
ggaatnggtat gtcattggcaa nggagaaaaa ttcgatgcct tntntgtca ttgcgaatt      600
gggtggtnaa gcttnaaccg taang
625

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<210> 3039

<211> 192

<212> DNA

<213> *Fusarium venenatum*

<400> 3039

```

tgcactggag gctcaagggt aaacccatgt gattcgattt tgatatctcg gctatgattt      60
gaggcagctg ggtgcatcat gtgttggggc agacaacgta cttctttgat tactttcttg      120

```

gctgcatttt caactgcctt cttgcttgtg acttagtttc ttatctaata aagaaataag 180  
aaagattatg gc 192

<210> 3040  
<211> 813  
<212> DNA  
<213> *Fusarium venenatum*

<220>  
<221> misc\_feature  
<222> (1)...(813)  
<223> n = A,T,C or G

<400> 3040  
gggaagcgaa aagtcgcgtg ttctcgcctat actcctttat gcgaacgatg ttctcacttt 60  
gctttgacat gtgaatcgtt cgcatacaag gaccatgggg cgtccgagga gaggacagcc 120  
gctaggatat agatcgactg gtgttgcgag taccagtgtt gcatcaatgt cgccaaagga 180  
tatggaggct ggcaatttta ctggcatcat ggatcagttc ctcgatgact tgggaacgcc 240  
gtcgccttcc ttcaatatgg acttctcgat ggaccaagaa cctataccag gacgtgtatc 300  
attaccaccc gatcttttca ctgacgtttc tacacaacac gatcgctaca attattatcc 360  
tggcactgaa agcaggggtg cagcgataac accacaaagt atggaaagcg cgacgaatcc 420  
aagaccacct gttcagaagt gttcttgtat cgagttagtg aaccagcatt tctcagagat 480  
agaaagctcc cttgagacat tccaaacgct caaagtcctc aaaaagtctc tgggtgtcagc 540  
gaagacaatc ctggagtgtg cagtctgttt tcagtcaatc aagagtnac gcacatcgcg 600  
aaacgtctac cttttgggtt ctcttctatc cagcattggc tcttcttatg gngacttttt 660  
ctatatccag aagcaacgaa cttccgatcc atcagttccc agcacacctg ngagcctttt 720  
attggacaac aagctgatcc gcgagacatg ggtgaggggtg ctntcgaggg acccaataca 780  
tggctttnta caacaagtct naaaaaagag ttg 813

<210> 3041  
<211> 563  
<212> DNA  
<213> *Fusarium venenatum*

<220>  
<221> misc\_feature  
<222> (1)...(563)  
<223> n = A,T,C or G

<400> 3041  
cttggcagtc attctcatct tggaaactaa ttagtgacta cagatcgagt catacacatt 60  
caagacaact ctcatgtctg tgacactccc ccattttgct tggcaaccgc tcggaagaca 120  
atacacccgc taaaatctcc aaattttatg cagccccagl yyagtgcaca aggcctgagt 180  
ggtctgggag cataagagat gaaattagca ggtcaactta tgctattcaa atcaggcttc 240  
ttaggtctct tatttcgtac cacaaaacac tacctagata cggcatactt gacgtgcatt 300  
aagtgcacaa atgtcttagg tgagctgaca tgcttgagtc accacgtctc tttcaacaac 360  
ccggtttcaa tctctatcct caatcatgag attcctgcct tcacattagc tgngatcaca 420  
actctcctna caggccaaga atgggaacaa tgtaccgggg ccaccacaaa accaaccaga 480  
cgtaccacgg ntgnittgac ccagaatctn naactcactt ttcggactcn aagngatagg 540  
cngcccagga gctgcagata cag 563

<210> 3042  
<211> 305  
<212> DNA  
<213> *Fusarium venenatum*

<220>  
<221> misc\_feature  
<222> (1)...(305)  
<223> n = A,T,C or G



```

<400> 3042
gtttcttccct tatgtctctc ttcttccaca accttacaaa cctccacatt ctaactccag      60
ccgcaggccc cgcagaaaca ggttctgggc tgcacctccg cacaagaaac cactgggctg      120
tcattagcac catagcacta ttccacacaa acgcgcgaat catccccagt gaaactgccc      180
acgctgtaga aatctggata tagcacagcc ccataactga gagatcatcg aagccatctg      240
tgagcacaag cccagataac ataagaatca cttgacacac aaacatgtcg aagtagtgaa      300
ctaan                                             305

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```

<210> 3043
<211> 224
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(224)
<223> n = A,T,C or G

```

```

<400> 3043
tgcggcatgt ttggctggat gagcatgggt aaataaaacg ggatctcgct tgataattta      60
atgatgccga acgattcagt ccggtagcac atttgtgctt ctttgacgca atttgaagga      120
atggtatttc cgggcgttgg atggagtata cttgacacaa gcagccagat ggctgtgcta      180
tctatttctt tataaattta caatgtttta cgtanaaaaa aaaa                    224

```

```

<210> 3044
<211> 254
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(254)
<223> n = A,T,C or G

```

```

<400> 3044
nggtctatct aanaagaaaa aacttnattg ccggttntga aaccccnag anttggaana      60
nccgcgcggg ccacgaaagg gattccatgg ataccctttt tnangtggga naaagctaaa      120
anggccttac ccaggggggt tttaaagggg gaaacttttc ctgnggactt cangttgccc      180
ctttnaaaaa naccnttttg gganaaatng ggggttcaac ccctttaatg gaccnccgng      240
ccccgttagg tate                                             254

```

```

<210> 3045
<211> 569
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc feature
<222> (1)...(569)
<223> n = A,T,C or G

```

```

<400> 3045
ctcagggtctg aagcactaat gtggcgtggc agtgctgtcg gaaggaggag acaacactac      60
cttggcatgt ccccggttgc atcggaacaa tttatagcac tgtttgatct ctcaagcgac      120
atgaaaccca acaatctttc agcttggcgc cacacttggc actcgacgcg attactatgt      180
atagtgttgg gctcatttca accctccccc ggcccgcacat gcgagaatga atttgacgat      240
gaaatataaa aatcaaggt agcgacacac aatttgacca gacgcacgc ctggggccat      300
gcattctgtg gaggcgtac tttctcactg ggcttgacat cctgcccggg aaaccaagct      360
acacgactgc cgggaatttgg caaaaggagt catacaggag aangaatatt tattggcaga      420

```

aggaaaaaaa	agcctggcga	tggtctttat	gggttaagcc	aatttggtgct	atcccttgnc	480
aaaatgagga	ggaanaggaca	aagggtttca	cttcgtatac	tacatattaa	gcttgacaca	540
ngcttgatgc	tgaatgncct	cgcttgcat				569

<210> 3046  
 <211> 651  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(651)  
 <223> n = A,T,C or G

<400> 3046						
ctcactcagc	cttaccaggc	tctctctatcc	aaaqtcactt	tcqtlaaaaa	tatcatgtcu	60
tggaagctca	taaacattcc	ttctccgggg	tgaaccgcct	tcactctctt	tgcggtcatc	120
ccaaccgttc	acgtaccta	ctatgacatc	ccctataata	tgactgccgg	tgaaaccttc	180
aacgtcacia	tcaagcagaa	cattgatcca	aactctgaaa	atgggaagag	caaccgactc	240
ttatcgtgtc	tatctcgcgc	tgacaccacc	aggatggggc	acaggacctg	tttggttggt	300
ccagtatcta	attcctcgag	atcaaacaca	agtcaacatc	accattcctc	ccgacgtggc	360
tcctaagggc	acacgtatca	ggctttcaac	atgtcttacc	aactcaaaaa	atggcaggcg	420
aatcacgggt	tttgattaca	gcggaaagac	agatatgtcg	gggttaaacy	gaacttgagg	480
ccaagccgaa	ttggaccgtc	cgaatacagg	cgaacaanat	aaaggttcct	gctcgcgtaa	540
tgggtgtggt	angggatgct	atgatctgtt	ctacaaaggn	gacaaagatg	atgaanagtc	600
cagcccggaa	gtcgtattgc	ttgcttgaan	gnttggggcaa	gaaaatttga	a	651

<210> 3047  
 <211> 412  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(412)  
 <223> n = A,T,C or G

<400> 3047						
cgaggctggt	atctgggaca	agatcatcac	gaatcccagc	gccgaccatc	tccagaacat	60
tggacctggt	gctatgaaga	agctcaagcg	cagcgtgtaa	ggaaagacaa	tcgaccccga	120
ccgtggcttc	cttggcctca	agaaccagaa	accaaagtat	caaatacccc	accctactgg	180
taagggttga	nogacagagg	atgtgaactt	aagctgccta	tatgggtcaan	cctggggttg	240
attcttactt	gggaltcagc	cgcgaacttg	gcactggaay	gctlllggtat	ggcgaagtcac	300
caagttcctc	ttccancatc	aagatcaaga	agaagaagat	ctccaagaag	actctagatn	360
gctgggttate	agtttaatat	gtgttggaagt	gaaaaataag	ttaatgtgcg	gt	412

<210> 3048  
 <211> 254  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(254)  
 <223> n = A,T,C or G

<400> 3048						
ntaaatgcnt	atgccttgtn	ttatgatgtg	gtaccttcac	catgactagt	gcggacatgg	60
tgganaacag	nacantgtgt	taaccngcct	cttagccaga	ataaancgcg	taagaagttc	120
ccaattgect	tgogaacnaag	attcggttng	cttcattngt	cgcctttttt	tagnccctaac	180

tnttgacgna cccaagctag tttgacaccg taacttcanc cnataccacc naccaggagt	240
tgctttacac ttag	254

<210> 3049  
 <211> 626  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(626)  
 <223> n = A,T,C or G

<400> 3049	
cctctgtttca ggaaccacca cgaccagggg ttccgcgctt aaacqtcata atactaatte	60
ctttgtgtcc cagtcattct ttgaaccctt gatttgactt cttctgcctt ttgggtgatgc	120
cttccgtcca ttctctgcat ataccagacg ttcattaaat ctgtttttgt ttctcatcatg	180
gcgtttgtttg aagaggccaa ctgcgatcga aacgcgacgc ctcccatagc cagcgacgcg	240
ggcgctcgaa gtgctggtat tctatggtcc ttcatgatta cggcgctgct tgcgcgcatt	300
ttatcgagta gcgtcatctt cgcggagatg cgaggcaagg agtctgttca tccgacggaa	360
gctactcaac ggctacagcg actctcaaat tatgcaagga attggtatca agagtgttgg	420
gcttcgccaa aaaaaaaaaat cttcggggccc gtataatttc tttctaaaat ggatgctggc	480
gcttcttttc atggggaccc acaacacaa actgntagcc cttaagcaag aataccncc	540
gcgattgggt gattcgatng gatgccaaa gtttctcatg ttcgtcaaan ctggggctgg	600
cttgggnctc tgggggcttt ggtctc	626

<210> 3050  
 <211> 582  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(582)  
 <223> n = A,T,C or G

<400> 3050	
ttccaaccag gttccatggc ccaagcctcc atctgttaac gacgcaaaac tataccctgc	60
togtcaacag aagcacaaca atcgcaatgc caactatcaa cccccgtgac tcgggtcaaat	120
ccacctggcc tctcagcgac aaatctcaat ggggcatgag ccagcgcatc atcgatacat	180
tgaatgcgta cccaataacc cccgggaaag aagtaccgag acatcccaa actgagatga	240
tgcctactt tqtgaatgg cagggacatg tctgggtttt gttccatgct ttgtctcaa	300
tgcactcca tcaaacatgg ctgtcttgta ctggccacga aagtctccat cctgtcatca	360
tctttgtcct ctacttctcg atgttcagtt ggacgctggt ccgcgaatca agcttctcgg	420
aaactgggtc accagcatgg gttcttggtat ggagatactc acgaacgtga tggcatacct	480
gactcgggtg cacaagtggt tgttctccta tggaaaacac tgggtctcga tcccatgtta	540
ctgcacgga tacaatacac caatcnccac ntctgttatca aa	582

<210> 3051  
 <211> 224  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(224)  
 <223> n = A,T,C or G

<400> 3051	
netngatggt ggtgccgang gcatacnct ggatgctttg netgantata tgcacaagen	50

cattgacngg cctttcgagg acttnattga cnancatttc cagggcaetc ccttcatcac	120
cgagattcctt aagactgccc accgcttcta cgtcaaggag aagatgcccg ttatccgcaa	180
gtcantcaag cttgtccttg nctataacct nantatgcac anaa	224

<210> 3052  
 <211> 148  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(148)  
 <223> n = A,T,C or G

<400> 3052	
naaaqtattg ggctcatant cnttataaag nacaaaggen gggttntctg agcaganttg	60
gnaatgacaa actcaagtnt tctttcnaaa aaggtagaaa aagaagttat taagaagcgt	120
taaactttnt tnttgaaatt caataaag	148

<210> 3053  
 <211> 226  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(226)  
 <223> n = A,T,C or G

<400> 3053	
ngggttggaag aaaatctgga tgctttacag taaaagngag agttcnctta ccaactatan	60
ncatggggcga ttngtnactc atctgcttat cgaagaccaa ntctngaata acttcengcc	120
gtccaataga gnttacgttt acaaggacca aattggccta ntgngaattt tatnaaatc	180
aattgtcttg ncatacaacc caggaccaan gaaaaccttg ttttcc	226

<210> 3054  
 <211> 137  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(137)  
 <223> n = A,T,C or G

<400> 3054	
ngccagtaca ntgaggagga gnaatccggt tctgangatt tcaaaagtac ataggtnaat	60
gttgntntgg ccagggttaag ggcccaango aaaattttng tcaatcgaca ntgggttttt	120
gggnggggttc ccttgaa	137

<210> 3055  
 <211> 272  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(272)  
 <223> n = A,T,C or G

```

<400> 3055
cctctatttg attatctggc gggcgcaatg tggaaagggc tttttttggt ttttggttgt      60
atcattatgt atctgtcagn ggaattgaga acacgcagag agaccacggc ctggagcctg      120
gcaaacgccg attggacagt atttttattta ttcattgataa ttcattnaaaa aaccaaacag      180
gatgctgaac aattngggac aacatgtttg naccaaaaccg gtccaagtca acgcaccaaa      240
aacacaacca gtttttgggt gtttntaaca aa                                272

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<210> 3056
<211> 1775
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(1775)
<223> n = A,T,C or G

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<400> 3056
cgttcacata ccgatgatgt gagctaattc atcctgatat ctgcttcatt aatacggcta      60
aatattttatt tggcgggcaa acgtttactc gattgtcggt gggattaact ttaccatgat      120
gaccttcacg cagcccaagc aatctgctat tggctgcctc accccgcttc atcaagtcga      180
ttatctctca catgtccaca atgcatccat tcccatctta ctctttttaca ccaactcact      240
ccgtgtatcc acatccggaa aacagattgt ctctattcgt ccacgtacag gacgaagcta      300
cttgatatcc gtactgggaa gtgcccattt ttcacgcagg gtcttgagggt gtgatattctc      360
ccacttgata ttggatactc ctctctctca tactcaccgg tgtgggtgag agaacggaaac      420
ccatgttttta tgggtccccc gcttgccgaa accactaccg ttcccgttct ccatcaaccg      480
gcctaatacga gccccacat taactttctgt tccgacatta gtcgcccgaat tccatgaaag      540
catgacctgc ttcgaaacgt gccttgctcc tggcagctag actggaaccc agcccaagct      600
aaaggaagag ataatcggca tgtatctaga aacacacccat cgcattgaat cggatggcat      660
tacgtggcga atcccaccca cctcgatccc tccacaagct ctgcggcagg cctcaacatg      720
tcaatcatgc tggttatggg aaacgccttc gacttccaca cgttgctgtt gaataaccct      780
aagtcaggaa ccattggact tggtaacggg cgtgttactg tactacacca tcattcgctg      840
gccggcaacc tgccatgac tcgccatcca gtactttggg cagtgggttg atgtccggca      900
cggcgcgaaat cgaaactcac ggagcttgag gtcggggaga gctttgctac agtggagagc      960
tcgttctgca ccgtaaattc ggcgcaacca ctttgcatga tatggacca tggcagagac      1020
atgatattcc gcattgcaca ttggcatgcg ggggtgagggt ctggtagggt tactttgaag      1080
agaagaccct tggatgaatg atggaattgc tcccccaagt cgggcagcat gtaatacatg      1140
gagtggagtt attgtcttta cacacccata cccacacccat gccagacgat aatcaggcaa      1200
ctgatgtctg ataaaggacg tgaaacgctt atgagtggga tcaatgctgg cctcgatcga      1260
gtataagaag gacgcttgat ctccctcaaa ctcgactttt ttttcttcat ccaacaagct      1320
attcactctt caacacaaac tcaacacact tttacaacct ttcaacacaa actcaacaca      1380
ctttttacaac ctttcgaagt ctttcttcac caataacctc aacatgtctc cctgctcttg      1440
ctgtaaccac gccgacgctt cttgcaccag cgcttgctct tgcgcaagc actaaattcc      1500
ttcttattat taatgcctga caacacttgg cttacaacca cggtcgagac aatgtctctc      1560
tgacacattg aggaacatcc aggaacaagc ctttgctaag caagtcggac agatatgaga      1620
atggaaacaa tgaatagaaa tggcacaac atgcgagagt agctgtgacg gccaattttc      1680
gatggttagc cagtgttaga tacaattga agcttgcatg ccttgaaaaa aaaaaaaaaa      1740
aaaaaataaa anaaanaaat aaaaaaaaaa atttt                                1775

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<210> 3057
<211> 104
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(104)
<223> n = A,T,C or G

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<400> 3057

```

ngcntttgaca tgaccagagc caatcatngc cgaccncacc tattgttgct atcatctgca 60  
 caaagaccaa ctgtccaaga tntagcccaa gaagencatn gaga 104

<210> 3058  
 <211> 321  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(321)  
 <223> n = A,T,C or G

<400> 3058  
 ngtaagatac tgcnactttc gctgagcang gtantgagct tgcntttaca ncaactgcaga 60  
 gacnagcacg atagctncac tgaccgatca ntantgggct ataggcttcc agtlnnetgac 120  
 tctggancct acggcgaaact cagagccaat gntggagggt tagagtctgg aaacntcgtt 180  
 tgagnaaccg atacctnttt tntgggctgc cccgnccgaa ggnagcgaaa ttgngcgggt 240  
 ggnatctacn ggcacnaccc tgttgtntgg agggggctta gttaacgccc cttgngagct 300  
 tngaacctgt agtgctttct t 321

<210> 3059  
 <211> 644  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(644)  
 <223> n = A,T,C or G

<400> 3059  
 tgccctcatca tctccagatg acatcgcatg ggcagtagtc ggatcaatat aattctcaca 60  
 ctcaatccca cactgatgac tttcttatca acttttcatc atgaaatggc gttttgggaa 120  
 ctgattcaaa cgcgcgcgaa gagatcatgg aagcgtgcc aagtatggtg gtgctgttca 180  
 agacgcctcg ccaaccaaga tgtacttgac ggataacgca acaatacccc tttgcgcacg 240  
 gattgcgcac atttgatgat gaccaggatg gatggatgga tggcgcacg caccgcacca 300  
 ttatgtcgag tacaggatc ttgagggttg ttctagccta cccagtgtct tctcgacttg 360  
 ttacaatgta ccatcagcag tgacgtacag caaaagaata ccccttggg gtgcaaacc 420  
 caattcgaa acatgcgatt gnatatacat tcatgtatgt attttcctt aggccttgcc 480  
 ancatttgct ttgattttgc ttatagagag gccatctggt atttggttg attatttaca 540  
 aagaattgca ttgcatgggt acttggtatt ggcaaatggg tttcttgaca tcatgggatc 600  
 tcgattttnc tttttaacgt gggaggggat tcgggaggag aatn 644

<210> 3060  
 <211> 361  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(361)  
 <223> n = A,T,C or G

<400> 3060  
 cattcgaaac ttgttcatag atgctcatca acgataacte acattatact ctcccagttc 60  
 gctagacaat cgactagcta aactgtgtat cctcccatct acgtaactct ggacttgata 120  
 tcatggctgc tggecngtcc cgtccccgtt gctcccaca gtgttactca acctggcgat 180  
 gcagaattca tgtccaacaa gatcaatttt gcactcatte tcagggactc aatacacttc 240  
 ccggaacaag taaaggaaaa gatttagctt ctatggctca acgtctctcc ccaaaaatat 300

ggggccacaa ctccaagntt atgccctttt aacctctctca aagaaaccag tagttgcccc 360  
a 361

<210> 3061  
<211> 373  
<212> DNA  
<213> *Fusarium venenatum*

<220>  
<221> misc\_feature  
<222> (1)...(373)  
<223> n = A,T,C or G

<400> 3061  
nagcggggan atactactgt cgetgnccgc anaaatcaac caactnggct gtntaatcct 60  
ggctcttcat tgcacaaact atcgccgttn ctttcgccaq tacccgagac acaaattgtcc 120  
gacnggtggc ttccatagtt cccccaattg gcattncagt gcaggcgact tgcacatgac 160  
ccttgcttaa gcaaatttcc aatgtctctt aacgcggcta ttncacttgg ctcaaaaaa 240  
gncgggctgc tccctattga ctttgggcat ctctcanatc ctgggggaaa tccacangga 300  
ggattgtcac canggtttgn cttttgggca tgcaccaag gatgagtctn tnttttttac 360  
ganggnttta agg 373

<210> 3062  
<211> 654  
<212> DNA  
<213> *Fusarium venenatum*

<220>  
<221> misc\_feature  
<222> (1)...(654)  
<223> n = A,T,C or G

<400> 3062  
cttctctctan cccactgctt gtctctccat tcttgacgc aattnggtga ttcattcatgg 60  
ccgacaaaaga catctctccc agtcgttcat acgatgacaa gaacgcaagc ttccctctctg 120  
aaaagggcaa tgcagagggt ctagagcacg ctggtcaagg ccgccgtggt tctaaagctg 180  
ncaacatcgt tgtgaatcct ctacngggta aaacgaaaga gcaaacaatt accgacgcac 240  
gcacctttgc cganaccaat ggcattgtctg agcatgccga ctttttcggc agagccgntn 300  
ttattgcccc tgatcctgac aacttcgaat cggncgacct tctcgatgat gagcgagaag 360  
ctctcatcta cgaaaganac cacaagtggc atggatcaaa gatgttgtgg tactcaattg 420  
gcctctgtgc tgttgggtgt gcnacacagg gttgggatca gacaggtgcc aatgggtgcta 480  
acctgtcatt ccccaaggaa tttggtattg atggtacggn acgcgatgaa gtggattggt 540  
gycattatca actccatcat ctctctgact gntgggntga tggggccttt nattggcgat 600  
ctttnaacca cttanttttg gcgacggggg aaaagatctt tatttacagc cgtt 654

<210> 3063  
<211> 121  
<212> DNA  
<213> *Fusarium venenatum*

<220>  
<221> misc\_feature  
<222> (1)...(121)  
<223> n = A,T,C or G

<400> 3063  
nttgtaactt aggcctccccg cccctcagtc tcgggtgctg ttgaaganct tgcaagggtg 60  
cgagcagaaa atgaaggatn ccattnctta tgggcagnnc agccctgaat acatttatta 120  
t 121

<210> 3064  
 <211> 101  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(101)  
 <223> n = A,T,C or G

<400> 3064  
 ngggnaagaa acggggggcc cttggggccc gacngggggg aaaggggggc cccccgaaaa 60  
 aaaccaagnn gggggaangg gggnaatggg gaccngaaaag g 101

<210> 3065  
 <211> 158  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(158)  
 <223> n = A,T,C or G

<400> 3065  
 tnatattgncg gggggggggg nggtanagta gccncaagaa aatcggacgn caccgnagga 60  
 agaaanctan gcaagacgcc caatngcgaa gggccntccc gggngcgaga ngagcggcag 120  
 ccaacacnga aagccagccg acggacacac agaaggng 158

<210> 3066  
 <211> 496  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(496)  
 <223> n = A,T,C or G

<400> 3066  
 gggagtcgag cgggaatctt ctatccttgg agatgcagac naataactctt gtttccctgc 60  
 agacttcctc atcccccaacn aaaataacta ctcgacacct cctccgttga ttagcgttac 120  
 ttttccgatca ctggaactca tatcatccga gtcgaccaag gttttccccc cgagggcagc 180  
 taacaaggat cctgaattac tatcgttacc agccactgtc aattttgctg tggccattga 240  
 cggattcacg gctganaact tctcgttctc tctggcctac nacattagtt tcgtaacggc 300  
 gcaaccgtgt tcaccttctc accgagttcg tttcattaaa tcgccatcaa gcccaacaat 360  
 ccaacaaatt gacgtgactg ggtctgacac gttcgggcaa ggctctcggc ctgccaatcg 420  
 cacaggccat ccattacaca aatggtataa ttacgctgca tccacatctc ggagcttntg 480  
 aagcgcagca cacttc 496

<210> 3067  
 <211> 471  
 <212> DNA  
 <213> Fusarium venenatum

<400> 3067  
 ttcaatccat cacacctacc aactctcaca agtccaacac tacattacaa ctatcatcat 60  
 gactaccaac tttttgggcy gayctcttcc tcgcttcgac ttccttgctc aaccacaacc 120  
 tgccatgtct cgcattgcac gcgtcaacaa agctcttcca gtagtcttgc tcgcagccac 180  
 aqtagecgca ctgctgtgca agacaagaca aaactttgat gcacccatca ctacatcaat 240



gttattttgca	cgccccgcaga	acttggtgcc	tcaagggcgag	ataagcattg	acaagaggaa	300
tggcgatgtg	ggattgaagc	caaaacaata	agattagaca	ttgtgatggg	tggtaggatt	360
gggaagcata	aggaagcgat	ttacagaccc	gttttaaaca	tgagagtagg	gctggtccca	420
atacatggca	ttttaattat	tcactcgctg	ggtttattcc	aaaaaaaaaa	a	471

<210> 3068  
 <211> 635  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(635)  
 <223> n = A,T,C or G

<400> 3068	
tgcaagatgt	60
ctgatctctt	120
atcctgagtc	180
cgatgggtcca	240
ggcgtagggg	300
agctggatca	360
agcaacaagt	420
ttcacactct	480
tttncgccgg	540
aagacnagaa	600
gtccccgaac	635

<210> 3069  
 <211> 169  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(169)  
 <223> n = A,T,C or G

<400> 3069	
nncccccaaa	60
gggggaaggc	120
atnccgaacc	169

<210> 3070  
 <211> 127  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(127)  
 <223> n = A,T,C or G

<400> 3070	
ntgactnata	60
tggccttrent	120
ttcggac	127

<210> 3071  
 <211> 597

<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(597)  
<223> n = A,T,C or G

<400> 3071  
cgtggcacga taticacaagc aatggatgat tgatgcaggg tttgaagacg ttcaagaacg 60  
agtctaccga ataccatttg gtccttgggc aaaggacccg gcgtngaaag aactgggtaa 120  
attcgaactc acgcacatgc agatgtctgt tgaatcacat acacctgcac tattcacgcg 180  
agtatggaac tattcccagg atcaggatcat ggtgttgatg gaggggtgtaa agagagaatt 240  
ccgaagccga gacttgagat tgatcacgac ctatcgattc ctacacaggac naaaaccagt 300  
tngagcgtag catctggatg tttctttact caagttgcac ttggtagctg caaccatttg 360  
ttctttttcg tttttctcaa gatagccagc tttattcttt tcttcttctg actctagcca 420  
ccgntgaaag ggttattcgc tcgtggctcg tggctcgngg cataaataca tcaatatggg 480  
catgttttaa tggcacatcg gttcaatttg gacctggggn cacaacgaga aaccacacgg 540  
atgacgattc tnttacgata atggccccga aaattgattt aaaaaacatt nttttca 597

<210> 3072  
<211> 232  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(232)  
<223> n = A,T,C or G

<400> 3072  
ctttggtttn gcttagtggtg caaactcatg anagaggcga ataaaggtaa agaaaatcaa 60  
ggacngcang gtgagctgcg gaactgatga aatgccttgt tcgacacagt acgtatattg 120  
taacttgata ctgcgagct ccttgctcga tttggccgcc ttgacnagtc gcaaaagcag 180  
gacctggtaa agacagaaaag acaganagan gtgggangtg gatatcgttg gt 232

<210> 3073  
<211> 203  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(203)  
<223> n = A,T,C or G

<400> 3073  
ncaaggacct cttgngggat tnggatnatg gctttgggtg tcatttaaagc anaaaangga 60  
ctgaatgnat gaacattggg anganggnag aatggatgnt ctttgtnttt aadantactc 120  
tatctnttcg ngaattgaan anaaaagaaa ttaagtnttt tgnngcgtina ctttnattta 180  
aagggccaat ngcctttttt ttg 203

<210> 3074  
<211> 316  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(316)

<223> n = A,T,C or G

<400> 3074

aaagctgttt	tgaccatgcg	gatttaggag	tagaagcctg	aatgatgcta	acttgctaag	60
gaagatgact	ttaggaggct	gaaaactaga	acttctaccg	cagtcttagt	ccagccctgt	120
aacgttttgc	aacagccaca	attgctcgcc	cgtggctttt	gcaaggggtt	atactgcagc	180
tcattctgta	ggaaggaagg	tcattgttcg	tatgatcctg	gctttgctag	angcgaagtc	240
ntggtttcaa	ccaccatcat	agttaagnct	gnactttggg	natcaaggaa	tagtnttcaa	300
cttttggggg	aaaaaa					316

<210> 3075

<211> 118

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(118)

<223> n = A,T,C or G

<400> 3075

nttgctnaag	ggnttaaggg	tttgnctttt	ggtggaaggn	ntaaaatggc	tttgttacgg	60
cgaanggtgg	acagngggat	attaataaag	accntgtctt	acatgggnanc	catctgga	118

<210> 3076

<211> 216

<212> DNA

<213> *Fusarium venenatum*

<400> 3076

caaggacacc	agcagcttca	accgtactct	tggtaccgtc	aaggacaaga	ttcgcggaag	60
tgctgcttac	cgcgagcggt	actctgagaa	gctcaaggag	tggttcagcg	cccattggata	120
tgcttgactg	tgtaaactat	aaatattatg	aaatgagcgg	tgactatatc	acaagaattt	180
ctgttttaaat	aaaagttaaa	ttcctaagga	aaaaaa			216

<210> 3077

<211> 596

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(596)

<223> n = A,T,C or G

<400> 3077

cagcttgatg	ttgaagaaag	aacacttata	tgctatatcc	cctttttctta	ctgggtttggc	60
ctcccaaaat	ggcngtcccg	tcctatcttt	actgccacgc	acccccgtgc	atgctctacg	120
gcctttgaac	gaatcttcat	qccccccccc	qatatectaq	aqagtqtcca	cqaqcctttt	180
gggagatgcc	ttttactacg	gtcctgaaat	tctcagcgat	cgcttttagaa	atgacacaa	240
cactcgcgaa	caagatgggt	tctctcacia	gacctataag	gacgtcctta	gcgaagtcac	300
ggatgcgggc	aaagatggca	agcgaatctt	catcaaggac	atggcttact	acctcatggc	360
ccagacagca	agcctaccaa	ggttgcgccg	tctctggggc	aagaaaaacc	nggtaaccen	420
cgtgttncca	ttagaagtct	tgaancaatc	cnattcattt	ccttatccgc	cacctcgaca	480
actatccctc	gtncatatega	tgccantgdc	notctggatg	aantcnggt	tctntaatte	540
tgcenatgag	gtggntacaa	aaaccnnctt	cttgantttc	gatcaaaaaa	aatgtc	596

<210> 3078

<211> 273

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(273)

<223> n = A,T,C or G

<400> 3078

tactcactgg	aagagagaga	aagacaccgg	gaagggagtt	gatgtaagta	taggcaaagc	60
agtgcaatgc	tatactgata	atcccttccc	aacgacctcg	cgagagacac	aaccaccccg	120
atcttttctt	cgtttggttc	gtgttgccgc	ggaggatgaa	tatttcaang	attaaagcac	180
ggttttacag	gttcctttat	atccatattt	tcatacatgt	aattntctct	tttttttttt	240
tttttttgct	ctttcttttt	caatcttggc	att			273

<210> 3079

<211> 446

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(446)

<223> n = A,T,C or G

<400> 3079

ntgggtctatc	ggtggatcag	aaaacaccaa	gccgcacgcn	ggtttgcca	aagccgtccg	60
gccaaagcgt	cnaacangaa	gcagatatag	tgagcaattg	ctaagacgtt	tcgacagaga	120
taaggatatt	catcaagtec	gtggactata	agcgagtaga	gcttggtctac	ggccnaactn	180
aagagccggg	gggcccacg	ngactttcac	aagtnogatg	gcgctagcaa	tggcttcana	240
agtgnatggt	nttttgnoga	caaccgacca	atcaagaatg	gaatcgtggt	cgggnttntt	300
aagctgacaa	agtcantctg	gtggcaagaa	ccttggtgng	cgtactttta	nnccaagtcc	360
anggcaangg	ttaaaccaag	tnogtggtgg	tggnaaaaaa	accccccggg	ccccnaagga	420
accnaangg	gcttncanaa	aaaaaa				446

<210> 3080

<211> 132

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(132)

<223> n = A,T,C or G

<400> 3080

ngctanatgg	aaatgtngct	gagctgctng	atccctgaac	tattaaacaa	cntntattga	60
gngaaaaggg	ggggttnttt	taaggcaang	ggctaaaaan	caggtaanaa	agctggagaa	120
gaaaacnaaa	at					132

<210> 3081

<211> 159

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(159)

<223> n = A,T,C or G

<400> 3081

cgtctagcaa ggtcatgtag accgtctcgt cctctaaact tactcactta ttcgtcaatc	60
atcatgctca aggcttacaa gaatctntcg ccaaaacccg nctcggcgtc tgggtgttgc	120
gtcattggca tggggtgctg gagggactca tgggtgact	159

<210> 3082  
 <211> 114  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(114)  
 <223> n = A,T,C or G

<400> 3082	
natgccccaa gcaqatttca cgggcggcgg ccattttttg cntcctngca tgentnaggt	60
tcaaggnttg gtctcctttg gntcatgggg gttnganttc gcgnccgctt tttt	114

<210> 3083  
 <211> 183  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(183)  
 <223> n = A,T,C or G

<400> 3083	
naagagaggg cggcggaaga atctntngga gcatcaacga tatcaagtgg ttgacgccgt	60
tgggtcctga aatagangcc gctcttagag tttagctngt ctatgtaatg tcttnggatn	120
ggataagtgt attgcgtntt tttgatttgg gtaatagaaa tcttntcttg cctttaaaaa	180
aaa	183

<210> 3084  
 <211> 238  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(238)  
 <223> n = A,T,C or G

<400> 3084	
ngacatccnc anagggccctc cgntattttc tgcacaaggt ngctttttga ttaccanttt	60
aaaccnagg aaagcttntt tgaengaaan ggactgggta cccgaccggt ttctttgnat	120
ccttttaacn cttcaagtgg gtcccttttg gnatgaattg gncagccctt ttccttttgg	180
tcaaaaagaa actttcgntt ttccanacna aaaacccctt nttadaandc anacccca	238

<210> 3085  
 <211> 369  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(369)  
 <223> n = A,T,C or G

```

<400> 3085
cgcgggcgggc tacactgccc ccggttaagca gactgggtgg ctatgatctg cctacccagg      60
ttcaccctac ccangattat cctnaacctt ctgggcgatt ctcacaagcc tagtggtgac      120
tctttccaag cctagtgggtg acttccnena agccangcc caaccctttt tgaggagctt      180
nncacctacc tncccacaaa cgtttacctt tcagatcccc tcaaagcaac actggtggcg      240
acagtttgtc aaggcccaca agggcaccac cacaaagccg ggtggacctt tnttgagccc      300
gcaggcactt ccccttngg ggtcaattna accggggggc aatcaaggct tgggaacctt      360
tgcttggt

```

<210> 3086

<211> 344

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(344)

<223> n = A,T,C or G

```

<400> 3086
cgagtgaacc cgacgccaag gtccccgagt ttatacctca acaacaagcg ggctgaactt      60
tcaacagctt agtccactaa tatgcaccgt attaaactgc tttcagagtt tctttttctt      120
ttctttttca cgtctatctc catttcattc gctgagagtt cgcttaagct tttgggggtc      180
atgtatttgg gagcgatgtg tgtgtaaaag aactaacgaa tggatgatgat cgtctttatt      240
aatcagatgg gaagtttngg actaccttgg caggcgctgg ggttaaaagg gattntatca      300
caaggcgcat tctngacca tgccnntta agataaacca tact                        344

```

<210> 3087

<211> 622

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(622)

<223> n = A,T,C or G

```

<400> 3087
ccaaaacatt catctggaca gtctacaaaa ctgggcttga ttgcattcgg gcaactatgtc      60
ataaacacct caggtttcct tgtcactctc tatggcctga acgttgtagc ctggggcgggc      120
atgctcttct tattgctctg caacgcttca ccagcaatgt gtgttccaac ttgcaatgat      180
atcaactcgc ccagacgaaa atggatagag gggggattct cagatcctta atgctctctt      240
tgggtgtcac ggctttggac tcgccccttg gcgctttcgc gattaatatt tctctcttca      300
atatcgcgtc caaaaaaaag gaagttgccc ttagaccctt ggcaggcatc catcgaggat      360
ggttccgtct tccaggatct gatcagcttg acctcagata gggcccccata atatcttctc      420
gtcgnccgat ctcaactcgt cactcgcttg cccgtttccc caaaaaaat cccgagcttc      480
cttgacanga gtccgagctt cancaactac cattacaaga attggatgct gcatatgggtg      540
atggnatggg aacaccttct gcaatgcgtc tgtctngggt tatgtggggg tgaaccgtac      600
gaggtcccat tggggcnagg cc

```

<210> 3088

<211> 433

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(433)

<223> n = A,T,C or G

```

<400> 3088
acaatgctta gaacgcgaaa cggatacaaa aacatctcct actctggatt ttgcattacg      60
aagggggcct cgagaacgaa aggetttaat gactgactct accttgatca catactatgt      120
gtgtgtcctc gcctttacta gtactgaggg tccccctgtt tgcttttggg tcgcctcttg      180
agattgatac ctcgaaacct gtectctttt tttgagctgc tttccatgct atttttttgt      240
ttgctggagg agatgggaat ttttggagat ccttcttgca tggtttattg ggagcggcga      300
aacgccgatg agaacgaagt tacgaatctt gatgattatt aacaacttgg gatcgttgaa      360
cggtcctccc tggcgctttg caccgtcagg gtcgaggtaa tgagaaattc ggccacctca      420
naaaaaaaaa aaa                                     433

```

```

<210> 3089
<211> 617
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(617)
<223> n = A,T,C or G

```

```

<400> 3089
gtaacgttct cgtcgtttag ttatcgcatc gaagcagcca cgatccttgg tcgagttttg      60
ttgctgaatc agttgaanaa cagcgggtcat gaccattcgc aatccatcga gaatgctcta      120
cttagctggg cgaatcattt acctcccggg aaactggaaa ttgttgactc gtatgggaat      180
atcgacgaga tgatgtttca ggcacacatg atcattgcac tcgccagcat gctggttacct      240
ctcccccgaa gcaatctgca ctntntttta gcagacgtna aagatcnatt tctaccagtc      300
gcacagaacc acctcttttc atcatccacg acattaatcc agggcataaa agcaacggat      360
gcatcaagac gtatctcaga ttgnatatcg ntatgcccc aagtcccnaa acacacaccc      420
ttcgtcatcc cagctttggc actctgcggg ttcattccagc tcgccacaac ccaaggccat      480
cccgacgaat gttttgaaca ccactacaac cgcgtcactt tagtactagg ntggtnaaaa      540
agtgcaaaac nggatatggc gccatggggg aactccgant atgaccgtnt tcgggtgntgg      600
gectgngaac ttaatcc                                     617

```

```

<210> 3090
<211> 246
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(246)
<223> n = A,T,C or G

```

```

<400> 3090
aactctacga agccgacatc tctgacatgg gattngaggg tcgggattca tgggtactact      60
ccgtctacga tgcttgctgc tttgagaatg ancaataagc atatcacctc ttactgggta      120
gtaggatatat atggtaacta ggtacatact ggngggcata aaaagcgaca agctccatgt      180
tqnaaaggtg ttgcgctnag agaaggtctc aaaagacatt aatttataat ttcataactt      240
tatttc                                     246

```

```

<210> 3091
<211> 112
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(112)
<223> n = A,T,C or G

```

<400> 3091  
ncacacgacn ccagcacacn ancacaccac gncacgagan cantaacacc acgacacgca 60  
gcccnanacc aacaccacac cagcaccacg acccagacc angngcgaca nc 112

<210> 3092  
<211> 705  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(705)  
<223> n = A,T,C or G

<400> 3092  
cttggcctac ctggactacc actgcegtat ccattcccag ttgtttttgtt ccccttttttg 60  
tttgaccttt gtccctgtcct gtcttgccat aactatttat ataaatgccg agccaggccc 120  
tccacttgct cgctctcttg gataacttca atccaaaaaa aatacctgag cttgaactta 180  
catgtttacgg tgccactgcc acgtctacta ccagccgttg ctcaagtgat cgcagatcca 240  
agaagattcc ttgctgaact ttactttctga tctgctcgtt taaacctttc ggctaccttt 300  
ttattttgta ttggtgctct tcttctctctc tgttctggct ataaattact tgccttgtgg 360  
tttcacaacg acttaactgg catctatcat atctttctca tccagtcctt gccaaagaac 420  
aaaagcacia catgactgct cgagtcgcac ctggtctctc atcctacaca gaggcattcta 480  
ccaccatgtc cccagctgcc gatcacgatg tcttcagagg ccgtaagaga gagcgaagct 540  
tgacccgcgg cagcggtttgc acattccgag ccgcaccaac aaacgaagtc gagcaacctt 600  
cganggccgt ttgtggcgcc gggtttctgtt tanttcattg ctttaantac acatttngcc 660  
ccttcttgcc taaaaaantc ctttttcaac ttcgacgccg ttttt 705

<210> 3093  
<211> 165  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(165)  
<223> n = A,T,C or G

<400> 3093  
ncagtaccat ggggttngggg gataatgtnt ttgtntcaaa tnccanggat caaaggcgctc 60  
aacganccat gaggagtncc ttcaggttgg agggagcgta ccggggctcg aatattagac 120  
ggagaatctc aatctgact ccatttcgcc tttcnaaaaa aaaaa 165

<210> 3094  
<211> 453  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(453)  
<223> n = A,T,C or G

<400> 3094  
catgaagaca ccgttataat acggggagtcg actatttttat tcaagcatnc ntangaacag 60  
gtttctccgcc agagtttgtga acagtagtat cagctttgct caaacctgga gttgaatcaa 120  
aatgactacg acctccgaaa tgcaaacagt gcgacgecta ggtctattag aggctggctc 180  
ggctgctttt cacctcatgg gtttatatcg ctacgtggta gtatctgcga cgtacagtat 240  
tccctnacgc gagcagtcta aagaagccat gctcgcagct ctgggggggtt tgatcaatga 300  
taacctatg ctgngtggtg gcattaaaga tgagggggag cactatcgcc tacttttact 360



nacattttccg agatgaaaact taaggnetttt gtcnagttcc gnantttctgc ttctganttg 420  
 acttttagtaa aagaatttga aacatttctgc ctg 453

<210> 3095  
 <211> 688  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1) ... (688)  
 <223> n = A,T,C or G

<400> 3095  
 cgggtgggtctc gttgtcatgc gacagcctgc cgaggggtatc attcacqgtt ccttctctgc 60  
 cgatcaggct gccgacaccc ctacagcttct tgcctcttgc tcccttgaca aggttgccga 120  
 tgcctgtcaac aagggggtatn caggtcgaga tgcgtcaagct gaacggnaac aaaaatcgac 180  
 ctcaaggggcg tccncagctt ggaagggtcag cccttgacga cgttgcttaa cactcctcct 240  
 ggctggctga nggacgaccc tccccacct tacnggcaag gtccaatcaa ccnaagcctg 300  
 cccaaggccg gttggcntta ccaaagccca agaaccgggn ncaagccctt taacggtttg 360  
 gnaacaaggg gaactttcct ttcttttcaa agccttctcg gccttaaaat accccaaatt 420  
 tggatagggg cacgttggnc tgggtttttt tctttccatt tttggtcaca tcttgggtctt 480  
 ttggccaagc ttnttaatgc tcaacttggg cgggganctt aatttaccac ggggattcac 540  
 tangcaaaac ccgccacnaa aattcggttt tatggtaaatt tttaaattcc cttgggcaag 600  
 acttaanggg agtcaccgaa ttgggtatttt ttccgcccca gaactattgg tctattaagt 660  
 tgcccataa gonggtcctt tttggtcc 688

<210> 3096  
 <211> 948  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1) ... (948)  
 <223> n = A,T,C or G

<400> 3096  
 nccccacccc tttattcntg gttcaggcnt tcatttttgaa acccctnant ctgctgcgc 60  
 ctntacctta caaatgttca gcancaacct gtgatggatt tgggcatga gggttctgna 120  
 tttaccacag agctacctgc tgaggccagg atgcttttgg acgggtgttg catgaatgat 180  
 rrcagccctg cgtgttacqg cqagcaccaa aactgggggtg cccaacagtn attccactac 240  
 gngacgata ccaagtnctt taaagaagag gaggtcgagc ttggtgctgg tggcaaaaag 300  
 taccocgatg tcccttgatac aatgaactgg ggcaacggag actacgcgac gccaaccaag 360  
 aactgcaccg aggactggga cacctatatc aacgacccat gggtcactga ccaacagcaa 420  
 taagacgctg gtcagactgt tgcacagctt tttcctgatg atttgatgat acttttttcc 480  
 tgcagacctat tagcagtcgt tcaattatca caacgacact gcttcccgt caattcgtta 540  
 aagagcaagg tggtttaaatg tccgaggcgt ttggggcatt tgacattctt ggacatatcc 600  
 aagaaaaaac aggaatttga ggcactttat ctgcatttat tagaatcag agaaggcttc 660  
 cggaggaggt ttgggggcata caactgtatt tattgagtgc acatctttga tatgtgcagg 720  
 aggggcagga cgaataatc cagcacatcg cagagagaac cgaacacccc tatatttctt 780  
 ctgggtgggt atgaagtgn ttatttttgn tttncaatca agntgattgg gttcttctct 840  
 ttggatgggt gagaatatga cttgcaantg agaaattcta nqggggcaca attcttgcnc 900  
 ntaaaqaacg ccaggaatca nactaaaagt ctcccgcta ttttaaaa 948

<210> 3097  
 <211> 158  
 <212> DNA  
 <213> *Fusarium venenatum*

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<220>
<221> misc_feature
<222> (1)...(158)
<223> n = A,T,C or G

<400> 3097
gcaagctacg caggaagcnn gggaccgagc ncgganccac nagaaacngg ccagccagtg      60
ngcaggaacc cngcaganaa accgncgggg gnagacgaga ggagagnngn aacccccana      120
ncccccgga cacncaaacc gacaacacgg gaaacgcc      158

<210> 3098
<211> 214
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(214)
<223> n = A,T,C or G

<400> 3098
nccacaagtc cttcgctcagc ccgngatggt ctencactga aactactcca tcgttggacc      60
atcgtctatg tatntttccg tcttgatgaa tagttcgagt ccaatagatg agtncggana      120
gctgacttcn ctttcttccg nganactggt ctttaagagc agganaaaaa aaggnggttc      180
attggggatt tttggaatgc tggtnaccg gttg      214

<210> 3099
<211> 499
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(499)
<223> n = A,T,C or G

<400> 3099
ngtcacacgc ccaggcagag ccttntttcta tctttcaaac gcgccgtcga ctacgtacag      60
cattaccaca gctggaatat gtaccagcag gttagcgatga tgaggctgat acaagcaacg      120
aagtctctac tccggacaca caagtgttga ccagacgcga aagacgacaa aaggctactg      180
ctgcacatca actagcgaac atgagcgccg gtgaccgcac tgctctcatg catctatctt      240
cagctgaaca gcgcgcgctt atcactacaa atcataaatt tacagaaaag gtcaagaagg      300
aggaagctcg aagtcagcga agacttgata gaaaaggaaa caagaacctg tatgcttatt      360
ggaacactga aacaccagtg tatcagtgtg gttagagaag gtggattgtt agtctattgn      420
cagtgattat aggggaaatt tgaaaaacta gcgatagagc atagttacgc agctttaatc      480
tatgtctttg gcttctgaa      499

<210> 3100
<211> 441
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc feature
<222> (1)...(441)
<223> n = A,T,C or G

<400> 3100
gttcggtgag cctgactcag tattggccaa cttggcaact tgcactctgga gatctcgaga      60
agatgcaaag aaggyccyga ctggtccagc tcatcgaaaa gctgcagggg caacgcggtc      120

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catgtatgca	ttctggcaga	ttgatcagca	ccgactcatc	atttcgagaca	atgttgaaaga	180
ctgggaaatt	atcccatgga	aggattcagc	ataatgttaa	gagaaaactc	tccagtcgtt	240
tgctcatctc	ttatgaggeg	tttgggatta	tcttcaaaaa	gtttanaaaa	gggttatgct	300
ttaggatgcg	ggcactgggt	atggaaatat	gggacggagc	gagtaaaagg	caaacggcgt	360
tattagaaaag	gaacattggat	tggatattgg	tagaaatcta	natagtagac	gacttaagaa	420
atataaaaqa	qqcqtcca	t				441

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<220>
<221> misc_feature
<222> (1)...(626)
<223> n = A,T,C or G
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<210> 3102
<211> 173
<212> DNA
<213> Fusarium venenatum
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<210> 3103
<211> 495
<212> DNA
<213> Fusarium venenatum
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<400>	3103							
tcactctgcg	gtcagtatcc	attacaattt	cacttctctgc	tggggacctt	tccaccgaca			60
attctcacag	tctagccaac	cacagagcca	atcttctttc	ccctgcact	ccctgacct			120
gcaggagtat	gtatatacac	tgttcgaggg	ccgggtaaaq	ctacctagat	cgacaaagcc			180
tjaggcaagc	tattctctata	ctagatatac	tagcaagcat	catacacaatc	agctccctcca			240
gagataagct	aatgagatgc	ttgcaaatac	gaatctgggtc	atattttatgt	ctgactgcgc			300
gactgtcaga	tgtttaaaag	aaaatctttc	ccttttaattg	agcgagccaa	atcatcatat			360
cgattgcctg	tgggtgatct	gcgagtcgcg	ttgacggaca	agcgagagcc	tgacatgatg			420
ccctgcctca	ttgctatttt	tgggtctgagg	tggangggaa	ggagacaatc	tgtagcncac			480
aatttnqqqt	aqtea							495

<210> 3104  
 <211> 162  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(162)  
 <223> n = A,T,C or G

<400> 3104  
 naccatntttt gggttacttt tnaaaagcac cganccgaat ncatgagggt ttcacttaca 60  
 tgcntnccaa tgtttactac tgnattatac gtaccctccc ccccncccn ttttccggga 120  
 tacacccagt ttttgccccga agcataaaga tttntgaatg aa 162

<210> 3105  
 <211> 442  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(442)  
 <223> n = A,T,C or G

<400> 3105  
 tcaatctaca netaatgtct ctgtctttaa gtgttcatac ccgccacagn cttgcacaa 60  
 ttcttcaaat cacatgcctt ctctcaagac tntgntcgct tcggctacta tggcttacct 120  
 gggcaccogg caagancatc aagaacactg gcaccagtga ccacaagggt cgaccctgan 180  
 gaantccgan gcttganaag ggntgaatgt cctcgaattn cactttganc caaaaaacca 240  
 caagtgggtg gtgcttgng actaccgcta ntcttgcnt ccccttgat cttggnnagt 300  
 ggttttcttc tntggtttcc ttnccactng attntgggat ctggccgaca aaggnttttc 360  
 cnaagtnaca gagcaacgna ccccgacccc tanntccttt ttttctcttn tcaagggcca 420  
 gggaattggg ctttctnggc at 442

<210> 3106  
 <211> 617  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(617)  
 <223> n = A,T,C or G

<400> 3106  
 gggactctgt aaaggcgaag gcagccctct atgtaaaaac tgacgttgaa ggacgaaggc 60  
 acagagaaca aacaggatta gatacccaag tagtctttgc agtaaatgat gaatgccata 120  
 ggttagatat acataatccc tatataatna aaaghtttga atatatctgg totataaatg 180  
 aaagtgttaag catttcacct caagagtaat gtggcaacgc aggaactgaa atcactagac 240  
 cgtttctgac accagtagtg aaagtatggt gtttaattcg atgatccacg aaaaacctta 300  
 ccacaatttg aataatttta ttacaggagt tgcacgggct gtttccagtr aatgtggaga 360  
 aactgggggt tccatgaaat taacgggaatc cctggcttta ttttttttat ttacgataaa 420  
 qatttctttc ctgggaatttt ggaaagaaaa agggggacaaa gacaagtcut catggccttg 480  
 atattgtggg ctatagacgt gccacatatt nctaaacaaa gagatgcaaa aatgtgaatt 540  
 taagctaate tcaaaaaata ngatataaat ttttaaggat tgntagtctg naattcgact 600  
 tntntgaata agtaatt 617

<210> 3107

<211> 103  
 <212> DNA  
 <213> *Fusarium venenatum*  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(103)  
 <223> n = A,T,C or G  
  
 <400> 3107  
 ncggccatgc ttcttgnaaa atcgatncaa tctcaagaac caagccccct taanattatt 60  
 cttntctgggg annggtccta ttttttcnaa aaaaatggnt tcc 103  
  
 <210> 3108  
 <211> 121  
 <212> DNA  
 <213> *Fusarium venenatum*  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(121)  
 <223> n = A,T,C or G  
  
 <400> 3108  
 ncgaaccaca caacacttga ataantgaca gccgncaaag gatacgtata accgacaatg 60  
 ggcgtnttag acagccttga tncggncatc ancaatatgc ttggtcantg gaacgtatac 120  
 t 121  
  
 <210> 3109  
 <211> 436  
 <212> DNA  
 <213> *Fusarium venenatum*  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(436)  
 <223> n = A,T,C or G  
  
 <400> 3109  
 caaaccaact aaacgaacaa acacacttca attgttttac acaaacaaat caataacttc 60  
 acaaatgaca ncaaattcat tcggatnngc tttttccccg cttttgactt tcacaacccc 120  
 ccagcttcca agacttcaca agcggagact tgggccccgn tcatttacc actggagccg 180  
 cttgtcacaa cagccagcag ctgnattccg ggcctcacat tattattggc cttcangaca 240  
 agcaattccn cnatgggcca ggggttnacc acaatncgag ctggtgggaa acattttaac 300  
 cgaaaatgga aaggancccg tgggggaatt aaaaccnngc cgaagtggg tggaaaaaaa 360  
 cgaatgncat ttttggngg gaccggnatc tttttggaaa caagggacca cngaagaac 420  
 cgggccattg gggact 436  
  
 <210> 3110  
 <211> 121  
 <212> DNA  
 <213> *Fusarium venenatum*  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(121)  
 <223> n = A,T,C or G  
  
 <400> 3110  
 nccgtttacn anttaagaat acaanctggc ctctgnggat ggtatgctga aacaaganga 60

ccttcattgc ctgctgacctg angatgctgn gntacagccc angatgattt acgntttcttc 120  
a 121

<210> 3111  
<211> 966  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(966)  
<223> n = A,T,C or G

<400> 3111							
cccgcaccaag	aaggacaagt	acccatacgg	ttatcctgga	gatgaattcg	gtcctaacag		60
tgtgccacac	taccaatgca	aggaatgcaa	gacaatatcc	ccaactggcg	cggaaaatgy		120
aacacccatgc	acaaagtgcg	gctgcgagaa	aacagacgaa	tcgcctcgty	ttaaacctcg		180
caaggctcgaa	cctgaaccag	accctgaggt	attgaagagt	ttacaggcac	gactggagaa		240
tttaaaagtg	acatagccgg	cataagcgaa	caggcgccct	ctttgccggg	cgtcaggggt		300
tgaagagtgg	gggtcatttt	cctatcattt	catacacata	cacacaacaa	cacatacgac		360
gacattccga	agcgagcgag	ggacgattac	tgggagattt	atcacctatt	ttgcatgcgc		420
caaaagatcg	cccactattt	cttcccgcga	gcagtctatt	tacctatacc	tcgatcatat		480
gttgacaggt	tcatccatto	ttggccacgg	cacacaacaa	catccgacac	gagccctctt		540
ggttttttta	cgagatagag	gtggcagttt	catatcagcc	gacgcatacg	acatcacgat		600
ctggatcttt	taagcgtact	ccatgatttt	gcattctcag	ccatcagtcg	tttacatgca		660
tttacgaaca	aagagttatg	attcagggga	agtaggggtga	tgtacaagag	ttgggggana		720
tgcgggtttg	atttctagag	aagtgttgaa	ggaaaaaaat	tgtgtctctt	taaaccaaat		780
acgcattccc	tctgtgggaa	cgtggctctg	ccaaggatgg	ataccgcaac	ggataggcta		840
cacagtcaat	gttttctggc	ggcagcgaag	aatcggtgtt	ctttccattc	tcttggttaa		900
ctcaagttct	tggggcctgt	ttgcgatttt	ttcactcnct	cntatatatc	aatgaaaaaa		960
aattca							966

<210> 3112  
<211> 852  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(852)  
<223> n = A,T,C or G

<400> 3112							
nattttacntt	gaaaactcct	caacgtcgct	ganatcagtc	ttgcacacca	ttcggctcgat		60
atgcggggac	cttgagtcgt	ggtttcagag	cctcccgcgc	gaactgaagc	accgagcgac		120
aacgattccg	agtctcgtgat	gcagcaagac	caagatcccc	tgacaagcaa	tactgtgagg		180
atattttagac	tgcaggccat	ggcttttacag	ctcgccctacg	ataacataca	aattctactt		240
catcggccat	tattgcaact	tccccttggy	ctatgttccc	catcgcatgt	tgttcatggt		300
atgcgcagca	cggatgcatt	gaatgtcaag	ggcaagacag	cgaacaagcc	aaaccctgtt		360
gctgtagaca	gtgcaaccatt	ggcaatgagc	aaaactcagt	gctacaagtc	tgcagttcgg		420
atagcttgcc	tgaacgcttc	aattgttaag	gaggcgaggc	acactcacgc	agcatcctat		480
atcgggtatac	agttgttcac	agctggcatg	gtttctcagca	ttgtggcgct	ttcagcaccg		540
ctctcgtcag	aggctcagca	ggcgaaaaag	gctattggcc	gcattgtctc	tacaacggcc		600
togatcggaa	acaaaacact	cctgtcgacc	cagagccaga	aaatcctaag	ggaattgggt		660
cgtctcattc	tagagaagga	aatgaattcc	atcttgcggg	aaccagtagc	caggtctgat		720
actctaaaac	atgaaaagcc	gactctccag	aatccgaatc	agtcgggtgc	aagcaaaatg		780
tcccgttcca	actcaaggcg	aaggctataa	cttcngatct	gcttcccaaa	cagggatggc		840
tacttacaac	ca						852

<210> 3113

<211> 199  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(199)  
 <223> n = A,T,C or G

<400> 3113  
 ngcgatnacc angaaaagan naccgaccct nggncgcaac catggacnaa aagcnaactg 60  
 gcaaccaagg gccaccccaa agatnttcaa ctaagggaaa gnaatnactt gnaatgagat 120  
 tnaatggatg ggatgctttt taaaagccga ttaaagagct tagtatgaat taaatttgac 180  
 nttaattntt ggttcccc 199

<210> 3114  
 <211> 158  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(158)  
 <223> n = A,T,C or G

<400> 3114  
 nccccaaat ctgngaangg cccttgggng aaaaaangcn ggcgggctta naagnaacca 60  
 tgaaggaatg ggacgnaaac ccaaggggaa aaaggncccc nccgtcaaaa accccaaatc 120  
 aantcanaaa acngnaaacc cccatntggg ggggggaa 158

<210> 3115  
 <211> 318  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(318)  
 <223> n = A,T,C or G

<400> 3115  
 nctngggagn aacaaaangt ncaggganct gaactnntcc gccgtcagcg acctatcggg 60  
 actgattnct ggcgcaagcc ataccgttga gcagcccgaa tcgcaggagt ggntttctaa 120  
 gacagtcatt gaatttttga agacagttta aataagatga tacgtttcca ggtagtacia 180  
 anggcggaca gcagatntct tggacaatcg ggagcagctt gattatnaat acatgtgtat 240  
 gtagggagcca tagtetaagg agcataaagn gacctactaa tttcgtctct tatgctccca 300  
 gcgatcaatt tttctgat 318

<210> 3116  
 <211> 105  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(105)  
 <223> n = A,T,C or G

<400> 3116  
 nggaaaaggg ccaaacnacb aagggcaaan gnaaacccct gggggtaaan cnaaatcccn 60

aaaaangcta aagttcccn aaaanaacca aaanncgcg aaccc

105

<210> 3117  
<211> 149  
<212> DNA  
<213> *Fusarium venenatum*

<220>  
<221> misc\_feature  
<222> (1)...(149)  
<223> n = A,T,C or G

<400> 3117  
ntggccggttn aggcnttaat ttnaggagg gatttattaa aggggtatat accatnattg 60  
gcttatggat gtaacnaact atttacgttc tttcatatt taataatgac tnttcccacg 120  
ggttttttgg ttttggtnaa aanaaaaaat 149

<210> 3118  
<211> 308  
<212> DNA  
<213> *Fusarium venenatum*

<220>  
<221> misc\_feature  
<222> (1)...(308)  
<223> n = A,T,C or G

<400> 3118  
agaaacaata cttgatccaa attctttgat agtacgatat atgaaggga ttatcgttct 60  
taataattta ttattaatat ccaactgctt ctgctggcta aataatcacc gaatnggctt 120  
cggtcagtng atcgattntc caataaaaaa aagttccct cttcttcaa ttccatcccc 180  
cgntgacget ggcgttccg ttncgcctcc gaaccgntc tcttngtgc tcccgttcgc 240  
naccgtcgca ttgcgaatta tnacaagccg aggtcgaaca gccaaagttt tnttcaactt 300  
ttaatcac 308

<210> 3119  
<211> 162  
<212> DNA  
<213> *Fusarium venenatum*

<220>  
<221> misc\_feature  
<222> (1)...(162)  
<223> n = A,T,C or G

<400> 3119  
ngggcaaccg ntgtgtagct gnggcaataa atcgaaatgg nngggtatca tgtgngacan 60  
cganccaant actnaccgga atncaanaac ggganantag ggccttagg ggaagngagg 120  
ngaattgaag atnagaggct ggantnggga gtnaacggtt aa 162

<210> 3120  
<211> 326  
<212> DNA  
<213> *Fusarium venenatum*

<220>  
<221> misc\_feature  
<222> (1)...(326)  
<223> n = A,T,C or G



```

<400> 3120
ngacggttat gacagcatcc gacatanccct tctatctggt taagttgcgc caatggctag      60
gcctcggcgg aggaatggag gatgagatgg anaanaggat gaaggatggt gcacgggact      120
ttggcattga acttengcac gatgtatttg atggttganc tttctcgatg ggggtncggt      180
gatgaatccc actatctcgt gtccactatt gcnacaaaag aaactnccca tgtaagactg      240
taatctanat agatagatga tgaggttcta gttttgcggt tgccanccac gggcacctag      300
aggaactana taaaatctct ttttgg      326

```

```

<210> 3121
<211> 635
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(635)
<223> n = A,T,C or G

```

```

<400> 3121
cagacaattg taacgccgtc aaatcgtgcg taccgactga ccatgtgatg actcttctgc      60
cctgtcttgt ctcattggacc gtcattagtt acggttcacg tgcagctgca gggggcttct      120
tttatcccca gccatctgca tcagggtggcc tagcaccatc acttgttgag cacgaatctg      180
gaagccggggc ttgtatgagt ctagaaacta ggtgcttaat tggagcgcac acaaacgcgg      240
gttgtgtttg cagtaattgg ctgttgtttg cgcttgccgc tgttccctcg tcatcgctcc      300
cgtcaccttg cttgcatctt gtgcgcctct ctctcccatc ctctcccttt tctcttcaca      360
aacacttagc cccaaggacc atgcgtgata gcttcaccca ccaccttgac ttgccatcta      420
gacgctntgn tcaaccatgg gcgagttcaa tctgctncag tggaccatta tctcatctg      480
acgccgggtg ctgtctctan tgnccctggc caaaacattt ccaatttacg gntgnatacc      540
caacggngcc gntcgaancc caanctttgn tgaacaagcc acttttntgt ncaggaaaac      600
gagagctttg aacgcgatgt accaaaagtg caccg      635

```

```

<210> 3122
<211> 437
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(437)
<223> n = A,T,C or G

```

```

<400> 3122
nqtgcqtnca aaacagngca atnganattg acattgaaca cccccccccc gaacttgggtn      60
gggcttggcc tccccctcca tccccntcca accaggtcgg atggactcca cttacctcac      120
ctcacctcat ctcantncac tggagctttt ttatecnaat ncattccacg ctgttaactt      180
ngaaccagcc cacaactccc cggttggcta cgggatcaag tgtccatggt gctgcgtntg      240
tgtoenattt tcggaggana aagttttaat tttnaaaaag catacagtac agcnctccag      300
toaaggntca ccagtttnag gctaccagg cgggccaagc tatnaaagtc gtgtgctcag      360
gnntgtctgt atatggcaat aanctaccgc tttggaactg caaaacaccg gnggaacatc      420
caccgggaagc tccagagac      437

```

```

<210> 3123
<211> 214
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(214)
<223> n = A,T,C or G

```

<400> 3123  
naaggcgggg ccanaaccca attcatttcc cncgaaagca cttggntgna tcattgaana 60  
ttggttnccg ggaaaccaag gncggcanaa attaagggtt tttttantng ggttgnaacc 120  
agggaaantt tcggggaagg cannaacccc caccaagggt ccgangccat ngggncacct 180  
tacatttttt agnccgngtt tttttggccn ggaa 214

<210> 3124  
<211> 111  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(111)  
<223> n = A,T,C or G

<400> 3124  
nggcaaaaac cccnagcccc anganagggg aaaaaggggn anggcaagaa ggcagccna 60  
agaaccnagg gccggcccng gggggacang aaaaaacccc ganccccccc g 111

<210> 3125  
<211> 261  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(261)  
<223> n = A,T,C or G

<400> 3125  
nggggggtccc cttaacnggg ccaagccttc ccccttaaan gggtaatata cccccaaccg 60  
aangnattca aggaaggaaa ccggtggggg gccngccgg ccggacngga ctcaagaanc 120  
gggtccttct aagcctgggg cctcgncnat gccnggttg cnggatnng aaatggcctt 180  
ttntaagcc ntcaaaatcn ggaccccaat anctcgaaaa ncaaccgcc cngccgaaaa 240  
aaccgggaac ctaacaaaaa t 261

<210> 3126  
<211> 238  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(238)  
<223> n = A,T,C or G

<400> 3126  
nctagtcana gcaaatnaan atgaaccctt gatatttaac cgtgcttcgn ttagggtggaa 60  
gcttgnaagc ctaengangc ctgnccaang gccctattga ngaaccatgt tgctnccgaa 120  
atnggagaag ccttgnttac ccacncttca aagcaaaaagg anaatctttg gccagggatt 180  
ttgggtgggt gcccttttg ttggatcccc agaagattg gangaccgaa aggggaatt 238

<210> 3127  
<211> 120  
<212> DNA  
<213> Fusarium venenatum

<220>

<221> misc\_feature  
 <222> (1)...(120)  
 <223> n = A,T,C or G

<400> 3127  
 gttctcaact ctacaggcca tntgcagnc cacaattact ctaaaacact atnntcaccc 60  
 ccaccgatt tcaactgttaa cgctgnngtg ccacgcacng accactctgg ncccnactg 120

<210> 3128  
 <211> 174  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(174)  
 <223> n = A,T,C or G

<400> 3128  
 ccggggtttna aagaaacaat gcgctctcta natgagggta gtgattgggt taaagtcact 60  
 gctgtgggtgg aggagggcgg acgtcgtctt ggggtggtcta cgcaagacct aggagcgtgt 120  
 ggttatgata ttatgagcga cgtaaaaaacn aaataatgca tcatccatgg atcc 174

<210> 3129  
 <211> 484  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(484)  
 <223> n = A,T,C or G

<400> 3129  
 caatgctcag agatatacac atcagcgctg aattgagcta tgaatcgtct tatacctcca 60  
 gtcttggecc ggagccaggc attcttcagc cactgtaaca agctgcccac caccagcctt 120  
 gctattaact catggaccat gacgcgcctt tgctttgttg tcgctaactc gaacggttgc 180  
 atacgaaaac catttctcga actaccacc gaaactgaat acctatatac cacgtaaaca 240  
 ttggtatgt ttattgctcg tggtctgctg gcatttgcca caagcgcagc cttgcctttg 300  
 cattgccagc gcccacact gctacagctg caagcactaa gacaattgct ttttcttttt 360  
 ctctaccaga aagttgntgg ctgncactgc tacgccactg natacagagc aaacatcaat 420  
 ggtgcggctg gttcccgctg gctggctttc tttgncctct catcgcatgc atttgcaatc 480  
 ggtg 484

<210> 3130  
 <211> 148  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(148)  
 <223> n = A,T,C or G

<400> 3130  
 nttggggatt agcccggttg anttatangt gcenogtccg tntgangata aanaancctt 60  
 ttnttaactg naaatctgaa ataggcgttg gcccaaccatt aaaagngncn accccggcgc 120  
 tttttgctgc ctgaactgtg tnaaaaaa 148

<210> 3131

<211> 113  
 <212> DNA  
 <213> *Fusarium venenatum*  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(113)  
 <223> n = A,T,C or G  
  
 <400> 3131  
 ngttanagga ggntttttacg gcgaggaacg ctcattgctc ggataatggt cttcgaaaaan 60  
 gatcggttg cgatgacaag gacttggtga cgagggctta caggagacan tgg 113  
  
 <210> 3132  
 <211> 135  
 <212> DNA  
 <213> *Fusarium venenatum*  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(135)  
 <223> n = A,T,C or G  
  
 <400> 3132  
 nctgggctgt atcganatct cgcttgggca caagancatt ctttggacgc cgctnggctc 60  
 ttncatttt atagngantg gattcnncgc tataatggct nttacctgtt atanctaact 120  
 ggggcncggg anggt 135  
  
 <210> 3133  
 <211> 111  
 <212> DNA  
 <213> *Fusarium venenatum*  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(111)  
 <223> n = A,T,C or G  
  
 <400> 3133  
 naacgganat ttttgacncc cccangggcn acgnatggaa atcccccttg gccangcncc 60  
 tttggttgaa aaaaaaaatt tncaggnaa cnttaccgg ggggtattt t 111  
  
 <210> 3134  
 <211> 174  
 <212> DNA  
 <213> *Fusarium venenatum*  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(174)  
 <223> n = A,T,C or G  
  
 <400> 3134  
 nttatcatng gtaettggaa nttnngggacc gatttgaaaa agcacangta cctggatata 60  
 andatttggg aagnggttgg gnggattttn aatgggatga tgettuaago ttcttnccac 120  
 cttctccctt ggaaaaattc ttaaaaaac ataaatccat ntghtccacc cctt 174  
  
 <210> 3135  
 <211> 257  
 <212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(257)

<223> n = A,T,C or G

<400> 3135

ngacttttgta	ggtttaaagg	ggttaatgnt	ttatgcntga	attggaacca	atggccccag	60
gncaacnaat	tttttgtecc	accttnattt	cgggttacaa	ggcggangntt	attttaaaaa	120
ttccccncc	gcaaaacacc	catttanccg	cgttttttaa	ggactgggaa	tttccttgga	180
taccacnttt	cttttggecg	ggattaaccg	tttanaaagt	ttttaagttc	tcaacnttnc	240
cctgnaaaa	aaggtaa					257

<210> 3136

<211> 281

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(281)

<223> n = A,T,C or G

<400> 3136

cttcccgcaa	tcattcangg	acatttccga	tctcctgac	cccgagctac	gaaagtagag	60
gactcttctg	gaatgactac	gctgtgcctg	aaggcactta	cccgcgagaa	cttctacggc	120
attccggggc	agaagtaccc	attaaaagag	catgttgctt	cgtcncactt	gtgggtctgt	180
tctgaagata	aataggtata	acacgcttaa	atatattatt	taaagccagn	agaaataata	240
gtatatctta	tttaagntaa	ttattttact	taattaatte	t		281

<210> 3137

<211> 120

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(120)

<223> n = A,T,C or G

<400> 3137

nrntatgtg	cccgtecgnt	gangataaac	anatcttttc	tcaactgnaa	atctgaatag	60
ncgtttggcc	caccatttan	agngccacen	egggcgtttt	gctgcctga	ctgnetgaaa	120

<210> 3138

<211> 441

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(441)

<223> n = A,T,C or G

<400> 3138

cgccctgcgc	ctctctaaac	ttatcctagt	tgttcgcaac	ttttttctct	ctctccctcg	60
ctacgttngg	atgtcaaatc	tttagtgaga	ctgacacggn	gggcgtctta	tcagaacaag	120
acctcttttt	ctacttttgt	cgcaatcctg	actccaccan	acgcgcgcgc	gtttgatctg	180
ctctgntttg	cgctatcgac	cctcgccctc	cattgcatgg	aagttccatt	ttcctatcct	240

tgcttaacct	gatacctcgna	ggttttggct	tttcttgatc	tcgnancccc	actcaagttt	300
tttagaggnt	gtaccgtntc	cacaacgtcc	cgtegactcg	tgagngggtt	gggntgctgc	360
aactcgtcac	tcatgcactt	gacttggtcg	ngaatactaaa	taaaacgtcc	atctcctcca	420
attaattctn	tngcccttcc	a				441

<210> 3139  
 <211> 440  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(440)  
 <223> n = A,T,C or G

<400> 3139	
cagacacaaa	atgaatttgg cgtgaagcaa cagctctcac gcagcattcg aagtctgttt 60
ttgctttcac	gagcgtcagg tategatcgc cagagtttg agaaccttgt tagagctgag 120
ctcgatatcc	tcggcatggg tgaggatcag gaacaagtgt aatgttgtgt tgaacacgca 180
atcaatgcat	ctttcttttg tttatctttt gacccatggg atgaaattgg gaaaaccttt 240
tggggtaatg	cattttggta gtctcggcat gcatgcaagg cgtttgtcat taagcatctg 300
gttagaggtc	gggtcaagcga ctactttgtt tcgagtctac ttaaggaaat tagataggac 360
atggtcatat	gtnctgaaca aggatgtnaa tagcatctca tgagagaatg aaacaatact 420
acattataaa	tgttttgatg 440

<210> 3140  
 <211> 306  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(306)  
 <223> n = A,T,C or G

<400> 3140	
nccaaacaaa	ttcnggtctt tcnntcactt tnaccancca gaacttacgg aaccggnttt 60
cataangecn	ttaanatggg accttgnata ttngaccgat ttgaaaaatg cnaanttatt 120
tgtataaaca	ctggnaaggc gttgggggng catttccaan gggattattt taaaccttcn 180
nccacgaana	ctttgaaaaa tttcttaacc tnccttaatt caaaaggctc nccactaaan 240
aaaanaaaaa	aaaattctng gggcaatcng cttctnttta aaggcccnat tccccctnta 300
cggtac	306

<210> 3141  
 <211> 348  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(348)  
 <223> n = A,T,C or G

<400> 3141	
catttacaqt	ccqaaatggt atactcangg cgaggggtgc tatgtanccn cgatcaggag 60
ggaacgtctg	attagatggg ctogaagacc ccagaccact cgacaagcaa ggaytyactt 120
ggttaccage	tttgctgggg gcatttggtg cctatatatc gcattctaca actaccccc 180
ggtagtcaga	tgggcgtaac atcacgatcc aaggaatctt tatctctata agagataaca 240
caatatttat	agacgtgat accgagtgc gtggatggga atagtccaaa cagatttgga 300
acagtgtaca	ttaacgaatt acqaaagcat tcctacnana aaaaaaaaa 348

<210> 3142  
 <211> 566  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(566)  
 <223> n = A,T,C or G

<400> 3142  
 gacccgagcc agcccgtag accacccaat tcgttggaca ccacgacatc tctctgagag 60  
 gacgaccaa acgaagaaag gtggccaata gcgatatgga gtgacgcaa tcgttgcttc 120  
 gattggatgg cctttccaac ttccgtcgtc ttgactacgg acctatcaa actctcataa 180  
 tggaagggtg ttgaacttca aaaaccctgc ttggtegttg aaacagctgg ctacagccga 240  
 taatatgata tatecgtggg ctttataagt cagancttga tgtttggctc attttgaaac 300  
 actatgggtg gatgcgaagc cttgggaaaa gcactgactg gacttgttct tgcttagtgg 360  
 tggaatatca gctactggca tgaattcacc agctgttaat aacccaaggt acgaaacatg 420  
 tgaccggatc tgcggcgtga cttatgaaag ttgtttatca gaatgtacct gcctgctctg 480  
 tgcaacttat tagccacca ngcctatatc aanacagcag cgttgcantc agcttggtta 540  
 cacaaaaaaa ctcagcagtc ccttcc 566

<210> 3143  
 <211> 297  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(297)  
 <223> n = A,T,C or G

<400> 3143  
 cgggagctta gcgcgcatat cgatataaag ataggctttc tcaaactcga ctcattgtgg 60  
 tttcaaaaag caagggcctt cggggtgcgg ggtacnattg cggaatggca tgatggaccg 120  
 tgggactttg ggtggatnca cgtggggggg gatctactag agacccaaan aagggattgt 180  
 ggaatgggtt ccaacgttga taaccagttt catatgttta agaaggaaga acaagatgta 240  
 tagtatagat agtatnggta gggatcgaag gagaactgct gcatagaatc tcattctc 297

<210> 3144  
 <211> 143  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(143)  
 <223> n = A,T,C or G

<400> 3144  
 ngangccttg ngcttacnca tctaataccg agtgnnggag gntaaggtga aantcctctg 60  
 ntacaagctt tggaacaagt tatnaagana ctaccctggg ganatgcctg gttatttnac 120  
 caacaaccgg ctatgcngtt gca 143

<210> 3145  
 <211> 780  
 <212> DNA  
 <213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(780)

<223> n = A,T,C or G

<400> 3145

tgactgcccc	cttgaaatca	tcctcgctcc	gcgtcctcgg	attgctgcaa	cttgctacac	60
tattgcctgc	aacatgaaac	gcttgctcgt	ctggctctgc	acaaattcgt	ccccgcttcc	120
attctggatt	aatgctgctt	taagtcctct	gggatagtc	acttcttcaa	atctggaatt	180
ttgctacacc	ctgctggcca	cttgggtcatc	gtgacaactc	ggcatttttg	aatacacaaa	240
gcttgcgga	acctttcctc	cggaaccata	tctcagcatg	ccatcaacta	tggaacaatcc	300
cacttcgtct	acaggcgaca	ctgngntttt	caaaccatcc	tgctcctgaa	tttctccatg	360
agaactagac	catatcgaca	ccggaattgg	aacttcac	accctatggg	ttgacaatgc	420
ctgtacagca	ctatggatgg	tgacaggagga	agaatgggca	agggttaaagg	gggggattct	480
gcggcttaat	ttcaaatctt	tgaacttgga	tccatggact	taatctcttt	ggctgttttg	540
ctgnactgtc	atcttattgtc	ttttaactgtc	ttcancgaaa	attttgcttt	tgatttgaga	600
ttncacggagt	tttaagagggt	gcctatatct	tcogttcgat	tcgattgttt	gaaagaggat	660
tatgaaacta	ttnttattgc	aaangtttga	ttggaatata	agagntggtc	atgtctttga	720
atgaatgaaa	agatttggtc	gccatcgagt	ganatgaana	aataanaatt	cctttgagcc	780

<210> 3146

<211> 120

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(120)

<223> n = A,T,C or G

<400> 3146

ngcatcnctg	ctgctctaaa	tgtnnttgg	gggctgnaag	atcttcacna	ttnatgagac	60
aatcttttnc	gccttggaat	gcccgattta	cnncttttaa	atnattggnc	gttctgantn	120

<210> 3147

<211> 388

<212> DNA

<213> Fusarium venenatum

<400> 3147

ccccaaagaa	atgtttctaaa	tgaaaagtcc	ccaaccacga	tcgtcgattg	ttcctttttg	60
caattaccat	ctgagaccag	aagaacctaa	agcacagggg	tccgacaatt	caacatgatt	120
tccatgaqaa	taaccgagac	tcttggtgtg	atacctcttc	gaactttggg	ttttgtgatg	180
aggcttttga	tgatgtggag	gagggatatt	tcattagtga	acgtttgatg	gaggttggag	240
attgccattg	atcccggtgt	tacccaagga	cgccagagtt	cggcggacgg	gttttatgag	300
tgatggcaat	gggagggtgat	cttggttacgc	ttccttgaac	gggacagggg	ctcgcatctt	360
gcacaatagg	agtagaaaag	gaaaggct				388

<210> 3148

<211> 651

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc feature

<222> (1)...(651)

<223> n = A,T,C or G

<400> 3148

aagggtttcac	gttcatcgaa	gggagcgagg	tccttgccgg	atacaagaac	gactatgacc	60
-------------	------------	------------	------------	------------	------------	----



tccatttcaa	gtcgtctgtc	gaactccatc	cgcatttcga	gcaagcttcc	aacacatccc	120
atctcccaac	ggcaaccgcc	aaagaagcgg	cccgccgcac	gtacggccaa	cgattgctgt	180
atgacaggac	tcctgcacac	gaactcgtat	tgaacgctag	aatcgtaggc	gtttcgtggc	240
cgccaaagta	cttgggcgag	tgggcaatgg	gatttcatga	cggcatacaa	gccagtgttc	300
caaccgagat	cttgagactg	gatccgccgc	acccgaacaa	gtcaaggtcg	atggaacaag	360
tcgggtgcaa	gctactgcaa	agtggaagtt	caaccacaag	gacaaggcca	agggtgactg	420
gcttaagttc	gagaaaagcg	aatcattac	caacatcggc	tggccttatc	aagaattttt	480
gggtgctggc	aggcacaaat	gccaaangca	agacaggaat	tttccccagc	gtttattgac	540
gcagcaacgc	tacgcgactt	tggcaagtcc	ggctcggata	gggcgaagta	tcgtgagtaa	600
tgaacgaaac	aagnccttgg	ctgggttggc	ttcgggttac	atctcgcaag	n	651

<210> 3149  
 <211> 125  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(125)  
 <223> n = A,T,C or G

<400> 3149						
naaaaggccc	gaaacngatng	ccctttcaan	agtggcccag	cttttacntn	ccgggaagtt	60
aaaggttnc	cttntaaaaa	naaaaacccg	ttattgcct	gnttngtggg	atgacncaag	120
cgatt						125

<210> 3150  
 <211> 176  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(176)  
 <223> n = A,T,C or G

<400> 3150						
aagacaaagt	tcattgattct	cattgaattg	ttttgataaa	aggaagcaag	caaaaaatag	60
attgtcatat	atccagaaaag	aatagtggta	agcctatcca	aagggagccc	ttctttacta	120
gaatgcctac	ccaagaaaagt	aaccaagtgg	ngattnatgt	nctggcaaga	ctttct	176

<210> 3151  
 <211> 396  
 <212> DNA  
 <213> *Fusarium venenatum*

<400> 3151						
atcttttttt	tttttttttt	tttattggat	tcgattgcga	gcgctagcat	ttagtttcat	60
gtttggggaga	taaactttgt	taaactgaag	aagaaaatta	ttgattttcac	atataaagac	120
tgtatgacat	cacactgtga	tatttcggac	atgtgattca	agcactata	actggcatct	180
caccatccaa	catcatatcc	ccatcaacaa	gggagatact	gaagatatcg	acaccctcgg	240
caaaacccacc	aaagccagta	aagtcaaaca	tatctccaga	aagtgcctaa	tcttctctgac	300
tcgtattgtg	tgtgtccgac	gttggaacttc	caggtcttgt	cgggggttgac	aacgaagtgt	360
agtogacget	ctgccacagc	gccttgacat	ctccag			396

<210> 3152  
 <211> 210  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(210)  
 <223> n = A,T,C or G  
  
 <400> 3152  
 ncgattttcc gagcngaagg cttcangaac ttcattctcct tagatctgcg ncntgatgtg 60  
 cncaaggacn acataacctn gccttttacc accaagctca acttcctgga cctcatncc 120  
 ctcaaganga agtccatgtg aagcttganc tctgngcgat atcgaccccg ngagagcang 180  
 ataancacct tncaanaacg ttgaaattaa 210

<210> 3153  
 <211> 565  
 <212> DNA  
 <213> *Fusarium venenatum*

<400> 3153  
 gtttcaacaa aattacagaa gtaattcttct ttaaattaaa tctttggata aataactata 60  
 gcggtctcac ttgaaactcg ctccccaggt tcccatcaaa ctttcttacc ttgtagagtt 120  
 caattttctgc tgtcagggtt ccccaactgc acgaacaaga atcccttttc attcttcata 180  
 agtcagagct ttttttcaac gcgtccgatg ataaacaagg tcggtgtgtc gaacgcttat 240  
 ttcattggtac caacctctcc tcgccccgaa accacttaag ctgccccgaa aggtagaggg 300  
 tttcgaggtc cggagaggag gcaactacata gaccgtcaag tggttcaagt ctgcgttcga 360  
 tggattgtgc cgataaacgg ttgaaaagga aaatggttat ttgaatttac ggactgggtca 420  
 cggcgaaacat taggggggaaa actcacatgg ggcttgtatt ttctgggtgcc attgctgcat 480  
 cagctcgact ctttttagtcg agccacggcc tgagagaccg acccggcact ctgcgggctt 540  
 tccgatatto actcactctt gaatg 565

<210> 3154  
 <211> 204  
 <212> DNA  
 <213> *Fusarium venenatum*

<400> 3154  
 ggctgcgcca ccggtgtccg agaacaccaa gcctgctgag gctgagaaaag atggtgcacc 60  
 aaagacggat aacaagggac cacaagagct caaggaagtc aaagagggtc cctgcggcct 120  
 gcccgccaag tgtgttggtc aatagatgaa ttcaacgata atgcaatgcg atgcttagaa 180  
 tcaatacaaa catgttaatc attc 204

<210> 3155  
 <211> 546  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(546)  
 <223> n = A,T,C or G

<400> 3155  
 caacttttct cattgcgtac cagccaagac ttaggtatag ttactctcat tgacaaaaca 60  
 caactctctg gtttcatagn actcattctc attcttctta gtgcactgaa tattaacaat 120  
 caactaagcaa tattacttct ggggaactct tcgtccatna tgccttttctg centnaaagt 180  
 cgtcgccccc gacccccggc ccgaggccct ttatccgttt aatatggaag gcaaggctcat 240  
 ttgtggttctg ggaacggggtt ccaaaaagagc ttgggaatcc ntacccgcaa ctttcccgte 300  
 natnaaacn tgacccctng gatctnaaan tgggattang gcgggttact ttggnntttg 360  
 ccttttttct ccttcccttt tgagcatccc aaangctctt ttatnagngt aatccaacgc 420  
 tgttccccaa aanggccan aggacctnt tnttttantt gggaactccc taacccccca 480  
 ttccanaatt tccccanggg ttatggntat tgggtacaat cctttttaca aaaacaangg 540  
 nccgta 546

<210> 3156  
 <211> 246  
 <212> DNA  
 <213> Fusarium venenatum

<400> 3156  
 cgcggtgctaa atagcactgc gccgaacaga actggagtagc aggagtatct gggaaaacgc 60  
 aagccgtgct cgaatcgcca aagaaccctt gttgtcgcgc ataagacagg atatcaagca 120  
 tagcgtgcag attttagtgc gggagcttgt atagtacaac caggactacg agcctacgat 180  
 cgttatataa gacactttaa tgccttggtt cgactggctt tgaggctggt caatcatttc 240  
 gcttct 246

<210> 3157  
 <211> 200  
 <212> DNA  
 <213> Fusarium venenatum

<400> 3157  
 gaagactttg ctagagtcgc ggcccgctcaa ctgattcctc caccaccgc acgtcgaagc 60  
 acctcgtcca agcgaatttc tttcctgtta tgataccata ttctttccat agaagagtgg 120  
 ccagccgctt gcccatgccc agcgcgacgc cctagtctaa atcggcacc ccttggaagt 180  
 tccaagtggg agaattaaag 200

<210> 3158  
 <211> 117  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(117)  
 <223> n = A,T,C or G

<400> 3158  
 ngaacggnta taacatgctt cccctcagt tnccttttgg nggggtacaa aaaanaccgg 60  
 aatttgnaca aaaacttcgg gnaaggcagc cttcgccatc ttacnccana acaaggt 117

<210> 3159  
 <211> 461  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(461)  
 <223> n = A,T,C or G

<400> 3159  
 caaacccctc gctgtgttca acacggcaaaa ctcagccttc agcattgcaa tgtcacttat 60  
 gagcccccgc aacatgacgg cctttttctca tncggggcac acaccgacct tcttcccggc 120  
 cjaattactg gctatgaaat ttgggtcggg ctcaaattggc aacattgacc ctcttgatcg 180  
 tcaacttggt tttgggtggat attcgggtgga tgttgggtacc ggtctaggca gtgggtcagc 240  
 tatgatgact ggtatgagct gggatgcagt tgccccaagt actcaaccag aggaagactt 300  
 gcaaggccgg ngatctaata tcaaancang catgaatggc acacgagctt ggcattggccg 360  
 atngagcagg actatttnga cctgaagcat catctgctgg ntcattgcat tcaacatgga 420  
 gnccccggag atgggcccaga tnccttgntt aacatggggc g 461

<210> 3160  
 <211> 248

<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(248)  
<223> n = A,T,C or G

<400> 3160  
ngggcaatttt taaanaaaagt ttggaaaaaac cgggtttttt cttaccaaga aaaggccacc 60  
gagctnanta aatttggatg ttaaaggana aaaaccttgc aaggaaaaag attcnttggg 120  
aaccaggtca aagnttttgg aanggnntaa gttcatgggg gagcttgaac canantttgg 180  
ggggccttat tccgttttaa cggttggggg anaacaagaa accaacaaca gggcttttaa 240  
gaagcaaa 248

<210> 3161  
<211> 423  
<212> DNA  
<213> Fusarium venenatum

<400> 3161  
aacacattct acttttttga tcacataaat ctcttgatat caacgccaag atggagcctt 60  
ttgtcaacta caaccacaac acttgcccca agtgcagcgc caccatcgag ggtgacggca 120  
aaacctgcgg tagctgcggg gctcactgcc cgtctaaat ttccaacgga gaaattcaac 180  
aatatgatga gacaagacga gacgagttga gatatttggg gttagggatg catacaatgg 240  
agtgtgggtg gcgatgttgt gcgaggccgc tttttgaaag cgtcactctt ttttatttgg 300  
gcggcggttg atggtttaac ctatttgcgt tgggtggtat tgtgtaacaa agattaaact 360  
cgctctttta ttcgattgct tatcatgagg aaacaagact gattctcgcc taaaaaaaaa 420  
aaa 423

<210> 3162  
<211> 347  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(347)  
<223> n = A,T,C or G

<400> 3162  
atccttnttg ggatggaggt ttatgatagg gggcttttta ctnatcacia aggtatggtn 60  
gattattgaa acaataccag ctcggaatcc ttagtaacat cggccaattc aagtgtcaac 120  
tactcggcc acaactacaa cttatctggc ggtctaccta ttggtaccaa tggtcatatg 180  
tnacgcgcct gagtenacct accctgccgc tccctcgttg gtgcccgncc accttcanga 240  
tcgtatggca agcagttgga catgcctcat acaangcacc aactntttna attngtggga 300  
gaaccgngag cgatactngc ctacccattt ctgtggacga catcttc 347

<210> 3163  
<211> 155  
<212> DNA  
<213> Fusarium venenatum

<400> 3163  
cgaatctttg aacgcacatt ggcgcgcga gtattctggc gggcatgcct gttcgagcgt 60  
catttcaacc ctcaagccca gcttgggtgtt gggagctgtt ttagttaaca ctccccaaat 120  
tgattggcgg tcacgtcgag cttccatagc gtagt 155

<210> 3164  
<211> 113

<212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(113)  
 <223> n = A,T,C or G

<400> 3164  
 nggatttagg gaaaatcccc gctnaangga attttgttnc tccgggatnc attgttnatg 60  
 nggaanccca gcttaagntt gaacctggnt tttaanaggg cccaattnca ccc 113

<210> 3165  
 <211> 440  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(440)  
 <223> n = A,T,C or G

<400> 3165  
 gcgggttctgt cctgcgatag cttttctgaa gttgaccttt cttcgccgat gttcgggatg 60  
 gattcgcac tcaacgacat cgattcagtt cagtttgctt tctcaaattcc tccggtaccg 120  
 tttcttgatc ttcccaccgt ctccgatgat gtctccaaga tggcatcgct cactggttca 180  
 ccagtcaccg tagccgtct atagagccgt aggttcagcg tgcgaccaga cgaacgatac 240  
 cattcttgac tcatcatctg cggcggtggg aaacgacnga atatcagctg catttgttga 300  
 tgctgttct ttagatttca agttcatctc tgccgacaac tccgcccggc acaactcagc 360  
 ttccgatataa cccagcattc agacgttcaa agaaatnctg ccttctgtct gaaaaacaac 420  
 nagtttnttg agcatggaaa 440

<210> 3166  
 <211> 636  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(636)  
 <223> n = A,T,C or G

<400> 3166  
 nccaccccc gtgcencttc aacnntgaac ccaatggana tgatgaccen tnagtctttn 60  
 acngacganc aaatccttna tcttctttat atcagncnag aggaggacat gtcaacncca 120  
 tcatcatntc tgccctgaga agagacaacn aagaagcgaa gtcgngggac aagtcttccg 180  
 acccaagaacn atttctctng aaaacgacaa agactggatg actaaaaaga gngcgccgtt 240  
 tgagcgcttc tttnaatngc cgcgctggtt agncttntcg tgaaccaaga aacaagaggc 300  
 gnggtnttcg qaaaqagaat gagggaaactt ggaacaaagc ggatggggg ggaacaaagc 360  
 naggtttaac tcatgatgga cttgngccat ccgacggtnt ggagncggtt tatacttccc 420  
 cctngggtttt ggactttttt cgagtcaatc tttaatatta caggagcttt ttancttcca 480  
 gacacgncg aaactatnga cgcattagng gnttcaaaca acaacgggga tccnaagaa 540  
 ttttctggtt ttgcaccaag ggttgatgnt ntgaaaaatt gcccccaaaa ccattnaatg 600  
 aggcbaancc ggactgatgn aagacttttc gactga 636

<210> 3167  
 <211> 175  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(175)  
 <223> n = A,T,C or G

<400> 3167  
 ntggtnaatn aataactacc aacactggat ttcccccctgn taaaagcgct gngcatataa 60  
 aaaatgnctg attttattgg cntttattgg cactaccccc gaattcatac tctggggctt 120  
 tacangtttt ttggagctnt natacggcta aaccaatata ccaccattta tcacc 175

<210> 3168  
 <211> 222  
 <212> DNA  
 <213> *Fusarium venenatum*

<400> 3168  
 aacgaaactg gcgagtccag tggtaatgcc ttttagcgggc agcaagactt tggaggtcag 60  
 gacccaggtt tccaacaggc catgaacgcc cgcgtcgtgg agaacatcta gatgctctcc 120  
 cctcgtgcct tccaatcttg aggtgatggt cggctaacgc ttgaggggtt cccgtttcgg 180  
 gatttagcct ggtctacttg atttcgaaag caacttcgac tg 222

<210> 3169  
 <211> 153  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(153)  
 <223> n = A,T,C or G

<400> 3169  
 ncnttgaccg atantgggga cggggaancaa ggtttccctg tttttancag tanaactttt 60  
 attttcgttc ncnacctttt ntngttcggc cnagcttttt nggattnttt tctaaaaaac 120  
 nnggccttaa cttgcggtna aatgaaggga ttc 153

<210> 3170  
 <211> 404  
 <212> DNA  
 <213> *Fusarium venenatum*

<400> 3170  
 ttcccgcttg tcatgcttgt tctgttcggt gatatgaccg cagccgcat acgcatactc 60  
 gggggagaat ggacaacagc tgcaaagatt tctttacttg ccaccatct ggctctgata 120  
 tcccaagtct tgacgacaga tacaacagg atgaggctgt aggacgtca aagcacaacc 180  
 atcgacttt ttacgaccga caggagattc taccctacac ttggacaatg cagcatgaca 240  
 atcagagaca atgtcgggtga aatgcctagt gatggatggt cgggtgtctt gattggctac 300  
 gtatgcttag ttatttatga ggccgcttag ttgcgcctat tccgcttcgt catgagtgga 360  
 aatgtcgaa gccatgttaa tcaatctaga tccatctaga gact 404

<210> 3171  
 <211> 339  
 <212> DNA  
 <213> *Fusarium venenatum*

<400> 3171  
 ctgtaagcaa actttgttag tcttcgattt ctgacaaaca cttctaaatt tttcttttct 60  
 tttgaatgca tgcgaatgcg aatgtccaca agggctgagc gcttgcccaa accttagtaa 120  
 ccgttgaaact cgtatgcaag ggatatgtaa gtcacgtgg ctgaagctga aaaggagtgc 180  
 gatctaccga gaaagctggg catgtcatat ggccagatcc aatcttgaaa ggatcgtgag 240

gcgttcagtc acctcatccc gtctcacaca tccctcccta gatttagaaa ccccgcaaga 300  
gcattttaga tccaacatgt ctcatgggtt gatctatcg 339

<210> 3172  
<211> 288  
<212> DNA  
<213> *Fusarium venenatum*

<220>  
<221> misc\_feature  
<222> (1)...(288)  
<223> n = A,T,C or G

<400> 3172  
ccacaagatt acgaagaaaa gcggttttagg atttggaacag ttataggcgc cagcgagtcg 60  
tacaatgcac ggagcagagca attgcggttg ataccgattc tgtttttaag aagttgcaat 120  
ttggcgattc gcacgcnggg cyttgtcact atgaacaaaa ctgggycctc gctggcatca 180  
gctgggaagg atacgggtctt tggagttgga agtccaagac gagtgtatga tggcaagagc 240  
taatagtaca tagaaataga cgagtgatat ctactaaan aaaaaaaaa 288

<210> 3173  
<211> 338  
<212> DNA  
<213> *Fusarium venenatum*

<220>  
<221> misc\_feature  
<222> (1)...(338)  
<223> n = A,T,C or G

<400> 3173  
ncacagtgtt ttcantcaac acacctacgc ttactacaca gggacaaaacg ccananggcc 60  
agcaagnngn catggatgag gaccttncag gnatgcctat gggtggtnac acgaacgata 120  
ttggcnatat gggatttggc ggaaaccana ccaataatga tnctaacttt tgcataaacg 180  
acctggaaag naacttttga gcttgacggc ttctcctaac gtgtatccag gcgcattgcn 240  
acactgggta tttannaatc ttaattaaag atccnagacc acaaggcatt aatgcancgt 300  
tacaaggatg atgatcttga gannacaagc cttcagtg 338

<210> 3174  
<211> 186  
<212> DNA  
<213> *Fusarium venenatum*

<400> 3174  
ttcattgggtg ttggggaagg gaaacgaaaa tcagaatgat gatgggtgttc ttttttatatt 60  
gcaacctgct tgcacttgac ggcagtgaat gggcgattcc tgggtggcaca gcaaggtagc 120  
tcttagacgg tagataaaaa tgcgaattaa aaggctcttc gtctaataac aagtctgatt 180  
atccct 186

<210> 3175  
<211> 407  
<212> DNA  
<213> *Fusarium venenatum*

<220>  
<221> misc\_feature  
<222> (1)...(407)  
<223> n = A,T,C or G

<400> 3175

ngagggcttc	ctcaagtcac	tctggcatac	tctgaccaac	caccccgctc	acccaaaagcc	60
gaatgaagat	ggaagtcaga	atgacggctc	taccaagaag	cctgacgaca	acgataagaa	120
ataaaaagata	tttcgctcat	gaattgtatc	atatgcttgg	gagaattatc	aacatagagg	180
aacggaagaa	gcgcatttgt	tggtgttcaa	aagggttggt	ttatttggtg	tatggcgctg	240
gtggagggtt	acgatagccc	aactactact	cacgtcgatc	tgccacagcg	tcagatctgt	300
tgtatctaata	nctgnagtat	agaaagaang	ggctangaaa	ccccangagg	ncactttctc	360
atagggttgg	naggtaaaaa	tcactatacg	gacatacaca	tggaaaaa		407

<210> 3176

<211> 224

<212> DNA

<213> *Fusarium venenatum*

<400> 3176

aagtccccgt	tcaagcgtgg	aggettgate	caccaggtcc	gcgtcggggg	ttaaaagtag	60
ccccgagttg	acttcagcca	tgaatgagat	gatgtcccag	ggaaaagatg	gacccctttt	120
ttgtaaaata	gcaggagttt	ctgggttgct	agtcactaaa	caaagtatgt	aaatttttat	180
tgcatttatg	tcagggtgac	aatttggtca	cggcaatatt	tgac		224

<210> 3177

<211> 240

<212> DNA

<213> *Fusarium venenatum*

<400> 3177

gcgaatgctg	gcggagttct	gaagactgag	gaggtcaggg	ttcaacacga	gcgcctgagc	60
accttcagcg	acgaaaactc	gatagagttg	aggaacttgc	cgcaagctca	ggtcaaagg	120
ggttatcaaa	gccatgatcg	agcaccttct	ttctaaaaca	aaaatccttt	tttctcccat	180
tcatattatt	tactatgtat	ttatgatacc	ctcttacaac	agacaacatc	catttgcttg	240

<210> 3178

<211> 174

<212> DNA

<213> *Fusarium venenatum*

<400> 3178

tgcaactgcg	tgtataagga	cggagatgtc	aaacagggga	acctgggtta	tacaattctg	60
aacaaatcag	tagttgtttt	ctagtgcac	aaacgcagca	gatacaatat	caagtatgga	120
gttggtttcc	gatttgaaat	aaggaagcca	gcggggccact	cgttgagaat	ctcg	174

<210> 3179

<211> 534

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1) ... (534)

<223> n = A,T,C or G

<400> 3179

tggtgatatt	ccaacrgnna	tctcgtctgt	tttcccatcc	attaggacaa	ttttcggttt	60
ctctctctac	ttttcttggc	tcttattact	tgacctctc	gcaaccaatc	ccaacgttgc	120
atttaccac	tggacctgaa	cgaagcgacg	atccatccag	tcacctatgc	agctgcagag	180
aactgagacc	aacaggtat	tccatcactt	gcagttcttc	gaactctccct	ctttgatcaa	240
cttgattatt	tgggtccattc	ttcatttttg	ctataacctt	tgttttggtt	ggtcttccatc	300
tattggcgcg	tgaaattcgc	tcttttgcca	gtttattctt	caaatactgn	ttcgtatcgg	360
caatttttgg	cgggcccata	atacgtgaca	cacaccattt	ttgcggggcng	gtttgcataca	420
atcaaccatt	tcccaacgaa	tttgaggttc	gctatatttg	gcttggttgg	ncattggaaa	480
taaaagcttt	ctganccattt	aatntcaate	atcccttggg	ngggntttcg	acca	534



<210> 3180  
 <211> 256  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(256)  
 <223> n = A,T,C or G

<400> 3180  
 ntgggggtgga tacttttcaag ctgtgatgta ccagatctat caattcaacc cctatganca 60  
 caaacaagga acttttcacg gcctcatntt atactttaat cngaacgctt ggnccattact 120  
 nttcctcgcg gggacaagtt tgannctcgg aggatantta aggggtataat gggtcctgca 180  
 ngntggctca aagannttaa aggttttcaa ccaagnnctg ggggtcttaa gaacatgctt 240  
 cttgggttat aacggt 256

<210> 3181  
 <211> 322  
 <212> DNA  
 <213> Fusarium venenatum

<400> 3181  
 cctatcttgt cttctaaacg ttgtccaatc ggcgtcgagc cagctacagg tcgatgggtat 60  
 cagattatat tgactatgat gatcgccag gtcgtcacgt aaaaccggcg ttaggatttt 120  
 tttcgttcat atattgcaag ccccgcgatt tgtgagaggt tagaacctca ctattgcgtg 180  
 cagaaactgc ctggcatggc atcttccatt ttgttgtctg tgggtttggg ttacggacca 240  
 tgtttagata aataacttgc gtctcgtttg gagtttcggg ctggttagatg ttttaaaaga 300  
 tatgaattga tctttcttca cg 322

<210> 3182  
 <211> 402  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(402)  
 <223> n = A,T,C or G

<400> 3182  
 ngngcctcga tntgcgcggg ctcccaaggg tattatcggc tccacctatg acgctcttac 60  
 ctctttctgag aacgcgcgtg tcgtccgcag catcgctatc tttgggtttg cagtgcatt 120  
 cctgtccagc ttttgggggc gagatccttc tgcttcccca gtnaaatgac gctgtaacga 180  
 taccgcaccc aaagaaactg cgtggggaat gggaagaaaa tcagttcaag gggtingaat 240  
 gcgcenatat cgcctccct ntgtgcatta tttaatcgaa tacttggaca ttagttggag 300  
 tcagttgacc gtttaaaaca ggaagggaat tcaaaagcta gnetgtgnet gtncaanggc 360  
 attatqatac cnqctanata aaaaatcaaca taatcaattc tt 402

<210> 3183  
 <211> 139  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(139)  
 <223> n = A,T,C or G

<400> 3183  
 ntggggggcc gttngagcca tngcattaag aagggccaaa ttnggcctta tagggangnc 60  
 gtattacaat tcantgggcc gncgattnaa cnacggnatg gactggggna aacccttggc 120  
 ggtcccaan ntaattggc 139

<210> 3184  
 <211> 203  
 <212> DNA  
 <213> Fusarium venenatum

<400> 3184  
 tgttctttat gcctgactta gcgcgagact ggcaagttgc agaaatgctc cttgaatctg 60  
 gaaccgatgg cgggtgggcca atgttatgga cagggatgtc acaaatgggg ggatatccat 120  
 gagaaatgcc tcaataaagt ccaaggtttg cataggaata gttcaaagtc atagataact 180  
 ataaaaagca ccaaactgac tac 203

<210> 3185  
 <211> 168  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(168)  
 <223> n = A,T,C or G

<400> 3185  
 nacctttact nccgagttaa aggttaccct attaaaaaaaa aaccntttc gnttgtttgg 60  
 ggtntncaaa gggtnntttg cccccccggg ccaccggang ggatccctng gcaggncct 120  
 ttggtntaaa aaaaaanttc cggaatttac ccggggggct tttgggga 168

<210> 3186  
 <211> 127  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(127)  
 <223> n = A,T,C or G

<400> 3186  
 naagccgaac ttgtantggg ttgtgnaggg tntttaaaga agganggcaa acagancena 60  
 gtaaacancg tnttgaangg acccggtttt tccatggngg anatttcaa gatttnacna 120  
 cacatgg 127

<210> 3187  
 <211> 538  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(538)  
 <223> n = A,T,C or G

<400> 3187  
 ngetcttgtt gcattgactc ttttctccc actccctgcc aaatttggcg aggatgatca 60  
 tacaacacct gccgaagccg tgtcttatag ttctatgta gtcgctgttg tcgactggg 120  
 tglgtcttlg tttgtagcaa tcgggctgcg aaacatcaag ggtgaagaag gcaaggggtt 180

taggggttctc	tttgggctta	aagatgagaa	cgaatcgact	agatcagacg	gaaatgggtca	240
ccaacggaaa	ctggcacctt	atctacatnt	tatgaaggat	tcagcttcct	tggctttgtc	300
gattctcgaa	tcggtctcgg	atatgttggt	ggctttgncg	ctagagcttc	nagcgttgcc	360
atttactttt	catccctctc	tttggcaaca	catattacat	tagcaacggn	ttctgcaaag	420
gctacctcac	gactctttgc	tgagctnaaa	ggaggagtgc	aaaaacgntt	acattctctc	480
gtcatcttga	ctggggggtg	cgcaagttna	tgggncttta	tcttgngccg	cctatctt	538

<210> 3188

<211> 599

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(599)

<223> n = A,T,C or G

<400> 3188

aatttttttt	tttttttttt	aattgtacat	gtagggtgtga	attgggtgatg	gtgcggtagt	60
ttacagtggg	ataatacaat	atgtataaca	aatggccctt	ctttatgaag	tcttttccgt	120
gtccgttgcc	tcgtccataa	ttttgagttg	tccaagaaac	cactcgttct	tgaatctgac	180
caaaccatth	atthcttttt	gttcaacatg	gcctgaatat	catccacgcc	cttacccttc	240
tcccggcacc	accctcaggc	gcgaagctcg	ttgtgaccgt	catcttctgg	gcaccctgcg	300
ctctnaattc	atcaagcgtc	gcttnttctg	gatatcggtc	actccactg	cttgaagtac	360
ttgacccaag	cagcagcgca	atccgttcaa	agtctaccgc	tctgcggacc	aagggtggaa	420
gogacggacc	actcttncac	ttanacnaac	gaagccatcg	tattggttgg	tggnggtaac	480
aaaatcaaa	agtgngggga	ttganaatca	ggggctttat	aggccctgac	taacatggta	540
cnatactgca	tcggggttgg	ctgnaaaactg	aanaacctgn	ctaacanatc	gtaattctg	599

<210> 3189

<211> 622

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(622)

<223> n = A,T,C or G

<400> 3189

ntccaacacg	accatcatca	acgtcgacac	caccccccaa	ctggggccgto	ttcatttcta	50
ttgtgactgt	cgtgtctttt	tgcgttaccg	ctcaatataa	taatacttct	tcaccagcgt	120
cgcggttctt	tctcatcgta	caaccgctct	actgctccaa	ttcgtttctc	gcttgctgct	180
tatcacttat	catattctcg	ctttcgctcg	tctttccctt	cacaaattaa	actctcgact	240
cgagcgcttg	cttgcctcgg	cgcacttaat	actccagtcg	gaaaataatg	cgcgactcct	300
cataatttaa	tcaacatggc	ttccctctcg	cgggcacaa	cctcgctttc	tgctcgcatgc	360
cttccaacca	acctaccgat	cgtctctcca	tcgatgccct	ctttctcatt	cacttcgacg	420
tcaaggntgg	atacacaatt	ctttggaaac	aaaatgcacc	aagcatttga	cctagaagggt	480
cttggtgagt	acaagtnoct	ttcttnlyga	ctacacacgg	ntttttgaag	acctcatctc	540
ctttgtncac	gatagtgnac	atggccggga	cttangeget	tttctgtaac	atggcttgng	600
gaaganggaa	naaggacch	aa				622

<210> 3190

<211> 718

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(718)

<223> n = A,T,C or G

<400> 3190

agccagtggg	agcgatacca	aggtgcctgc	tgagcaacct	ggccgacaaa	ctggaaactg	60
ctgaantggg	tgactgctca	acaacaacaa	tctcacaatc	gatatcaacc	ccgcgatccc	120
agccaccgac	gaccattgcc	ttaaagctgc	gcgcattcat	tgcgactctt	ttattggcac	180
tgcgaaaact	tgtgtgcgca	tgtgtattgt	tacttgatga	cgccaccacc	agtcattacc	240
acttcaccat	ggggaccgac	tatataatac	ccacacccat	ggttcactac	gaatttaaaa	300
ccgaatactc	gatgaaantt	cacgggcatc	aaaccacacg	aactctccat	gataccatcc	360
tttcgatgat	cttacggcca	caaaccaaat	attcccttca	tgtctaatac	tatacatctt	420
tgacagccat	agcatagact	ccggcggtga	accattttcc	aagggcggca	gcccgcatac	480
tctaccatat	caaatacaatc	tgtctttttt	tttttacttt	cttttggtta	ttctctttgt	540
atagggggcg	cataacggtg	gccagcaggg	acgggttggt	ccttttgctc	cggggcgttt	600
ggatgtgttt	tcttttaaagg	ctttcatgag	cgagtatgag	gccaggcaaa	agagatggtt	660
cagatcagtg	gatgaataag	ataggataaa	tcaatgccac	aggcagtnct	ttctttnc	718

<210> 3191

<211> 198

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(198)

<223> n = A,T,C or G

<400> 3191

ataaaggaga	atcgtgaccg	gctgcttgat	atgggtgaagg	aacatattgg	caacgtcagg	60
cyggggcgcc	tcgggggtatc	agaaacatta	accgctggaa	gcataagaga	caagattaat	120
aggtcagttt	atgctgctta	gactaaagtt	cttagactac	ttatttttat	ccccaagaaa	180
aaaaatanna	tataaaaa					198

<210> 3192

<211> 268

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(268)

<223> n = A,T,C or G

<400> 3192

ctctgcagtn	ctatcgagca	gctggaaggt	cctatggccc	agatgaccat	tggtggacaa	60
gagggccagg	aggatcatgca	caagggtgat	atcaagaatc	ccgatggtag	cgagtcgagc	120
atgtacctcc	agattgatac	catgtctggg	gaattcctnc	ccttcgggcc	tccccctctg	180
ccacaagccc	aggctgctgg	cgagccagag	agtgtgtgtg	cggaagcgga	agccgtggag	240
gacgttnccc	agcaccgtgt	ctacaagg				268

<210> 3193

<211> 242

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(242)

<223> n = A,T,C or G

<400> 3193

ngtaagcgtg	tncaantgag	gctgaattcg	ggcagacgnt	ngcaatgtac	ntataccaan	60
gtttaattga	atgaagggaa	aggctaccac	ttttacctta	actgtngaag	cggttctggc	120
tanctcta	cttacntgtg	caatgtaagg	tntaatacng	ggaccttttt	tgtaaacacn	180
gtncgagttt	tgtttgntc	ccangnggat	aaangatatt	ggcttaaaan	aaaaacccgg	240
ag						242

<210> 3194  
 <211> 685  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(685)  
 <223> n = A,T,C or G

<400> 3194						
gagacttaca	cggttccett	ttactttgtc	cttcccacta	ccctcggtac	agaggcttgc	60
tcacataacg	tcatatggca	agaaacacgc	gaaatgcact	cgcactctcc	accagtgctc	120
accggctggg	aaagtgatgc	gatgatccca	aggggtgtgc	gcgttgacta	cggcgttatt	180
gcccaggtct	gggactcggc	caacctgag	tatgctaaga	tgagggccaa	agagaccggt	240
cagttcttgc	caggtcatat	ccaacactca	catctgaaga	tcctacaaa	aaatagaaat	300
tttaaagtgc	gggtcgtcta	aaacatctca	aatccggtgt	ctttggtcgc	tcttgggggtg	360
aaatcacggt	aaacgcgcac	caacccactg	caatcggtct	cgactccagt	ggaaagagtt	420
ttcatcctac	aacggtggta	acgtctctca	gattgaagtt	gtgcaatcat	aagactagcc	480
tgccgcaaat	atgcagtgtg	tctgcaaaga	tcgagtcaga	aacatgggtc	caggacgagc	540
ccatgcaaca	gctgcctcac	atcgtcaacg	cgagagactg	ntacaatagc	tccgagactc	600
tgctgaagaa	gacggaaatt	ggattgagct	gggagaaaaa	ctcaccaaag	cagacagaca	660
atgttgctac	tgagactccc	gagac				685

<210> 3195  
 <211> 253  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(253)  
 <223> n = A,T,C or G

<400> 3195						
attgagtnga	cacccancaa	natgctnaac	aggtcagtca	tgccggcctt	cagncenttt	60
gonaattngc	gagtgtccct	tgcaaacctt	ggcchncaat	acggacgctt	cayngcaact	120
cctacccgat	gcttgagtgc	cnacttcgca	ganaccnatg	aaccngagt	tgaacaaaat	180
tottatcgat	gntcaggata	agatcatcct	tccagcatac	ctgcccngna	cacagaggaa	240
gattgtntat	gac					253

<210> 3196  
 <211> 182  
 <212> DNA  
 <213> *Fusarium venenatum*

<400> 3196						
tcaatccacc	tttacctcaa	ctgcctaaca	gagatcttac	aacctcaaca	ctaaattatt	60
gategogage	cgtccatgtg	cgtcgggttc	cgnagtcgat	gtcaagccct	ggataactac	120
actataactg	caataaacga	aacgcatg	accagtcgat	cattegcate	tccaaggaa	180
tt						182

<210> 3197  
 <211> 225

<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(225)  
<223> n = A,T,C or G

<400> 3197  
nataatctng cgcaccatat gnatgctaca agaagacaaa agcacttaac gctcgcactt 60  
gattgaaagg caatctcgcc gcgactgact ngttgattct tctgcgggat gtgcgataga 120  
tataatnccat cgcacccgaa ttggacaaca ggcnccttagg ccgagnttca acatattatc 180  
atacagcgta cagacacgct gcagatgctt ganaagntat gatcc 225

<210> 3198  
<211> 188  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(188)  
<223> n = A,T,C or G

<400> 3198  
cctggtaacn cgccctntac tggtagcagc agtgggtgtgg ataanggcgg tncnttgcca 60  
nactcgtggc ggactcgtgg ccgaggtcag cgactangct gaaacaagtn cttantcaat 120  
actctattan nactttgcag catgtgtaca ataagataga agaataatta tcgctatata 180  
cccttgaa 188

<210> 3199  
<211> 159  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(159)  
<223> n = A,T,C or G

<400> 3199  
aacaaancac atcttggggc ttctcggtttc aaaggcaata gaacttttgg tctccaaaaa 60  
tccgccgaaa tggcgattcg gatgtcgagt atgagacatt gctcatcgga tatgaactca 120  
agcttgcgct attccaggcc tccatcgatt acggcaaga 159

<210> 3200  
<211> 262  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(262)  
<223> n = A,T,C or G

<400> 3200  
aaagacatag gaggtggaga agagctggga agattgagca aagaacgata cttgaaggac 60  
acggaacggt atgccaacgt cgatttgtcc actaaagcat gggtcagggt gctctcagta 120  
tgctctgtag cttggagcat catcgtctaa gagttcaggc atgtatgtaa atggcgtttt 180  
tggtgcgttg gagttggact gaactgcatt cggggcgttg ngagcgacca ggaagtcacc 240

gagaacgtta gcttatgaaa aa

262

<210> 3201

<211> 350

<212> DNA

<213> Fusarium venenatum

<400> 3201

catctcgggtg	ctaagccctg	aatggccttag	atgcgcctgt	ggatttggac	ttgcatctta	60
gatagttaat	tggcaatcac	ggtgaagcgt	cctttttcga	actgccagac	cgcttctctt	120
gggtcccgtt	ccccatcgac	cccgctcttg	attgacaact	gttaagttga	ccatgagacg	180
gtaatagtct	agatagtctt	gactccccga	tctacagggg	agaagggcca	ttgaacaaca	240
atcaactcaa	atggaatacc	agggaccctt	ggaggaattc	taactgttat	atcggcatgg	300
aatagggtag	ccgagacagt	tggtgaatgg	atatacggag	ttacgggtta		350

<210> 3102

<211> 119

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(119)

<223> n = A,T,C or G

<400> 3202

naaatcgntg	tttataccan	ggtntttaca	agcctnccca	cttaggaccc	cgctgggtnt	60
aacntcccac	tagnccgaaa	ctggggcgnt	nctttttcat	tttttgcggt	ttgggggat	119

<210> 3203

<211> 162

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(162)

<223> n = A,T,C or G

<400> 3203

ncacggngag	aggggaattng	tacatgaatg	gntccggctg	cttggtgntt	ttttacaaaa	60
ncnnggcgcc	ggntgaacgg	tttcccaaac	acttaaacct	tgtntcggan	acaagctatt	120
tygcacaaaa	ttaccatttn	gctggangtt	nygaactntcc	gc		162

<210> 3204

<211> 232

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(232)

<223> n = A,T,C or G

<400> 3204

catttcctagg	atcgtgtcta	tcaacgctga	aatgcctgat	gtcgagattg	aagtaacgacg	60
agctcgaaaa	cgctgtgcc	aagcagagat	ggcagagaga	aagtcaggtc	aagccacaac	120
ggacactcag	ttacaaaagtc	cagcacttga	ggcatcatga	tggtactgtt	atttctctna	180
gaaatggaaa	cagataaaaat	tctcgaaaaa	tagaatcatt	ctagatgtcc	cc	232

<210> 3205  
 <211> 482  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(482)  
 <223> n = A,T,C or G

<400> 3205  
 acctactctt ctctctcat aatcatcaca cacctttcat ccatcaacat gaagttcagc 60  
 atcctcgtta ccttcgtgct tcttgctcagc agctctgctg ctgctaacca ggctgttgct 120  
 atcaacaact gtcccaccac gatctatggt caatctttcc cttataatgg cgcggctcca 180  
 ggcgctctga ctgcccgtgaa gccaggacag aagttcgccg agaacatgcy tgcattccggc 240  
 tngactgtca agattgctac taqtaggact ctactnagge ctntnttttt nggataacttt 300  
 tnaacctcca agcccaactn tgtntactnt gagtttanen cttgaanggg ggaacctttt 360  
 tngcnaaaaa gcaaaanatt cttaaccctg gttnnnggtn gaaaaaaatt tnaactggccg 420  
 tgcnttgaan aggctgggtg ttanaaancc cctntaaaaa gnaaaaaant tttttggggg 480  
 cc 482

<210> 3206  
 <211> 275  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(275)  
 <223> n = A,T,C or G

<400> 3206  
 naaggntggg acacaagagg atgaatttgt tgaaatgaga aggaaacgtg attcaacggt 60  
 ggcgggcgcca aactgatcca tcttcgttg caggtgaata ttagggngga cagttgcctg 120  
 ctccgggatac ttaaggatcg cgcattggtt aaccttcttt nggtcacccc gacatgggaa 180  
 aatgatcttt aattatcgaa gtcggttgct tctgtgtcca atggtancta gctatttatt 240  
 aaattactac tctttattct tcanaaaaaa aaaaa 275

<210> 3207  
 <211> 565  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(565)  
 <223> n = A,T,C or G

<400> 3207  
 agjngaaaca gannagtcac cagtatcaga atcgngccgt agcttggcag tccactggcc 60  
 tgaccggag gcttctctcc tctcttctct tccattatcg cgggtgttct gaacaaggta 120  
 cctcttatct caagtcgtga ttacacccgt gtaaggacaa cgttggttc atcttctcc 180  
 ttattagggg gctttaaact gcatatctgg gccgatatt tgattagacg tgagcgcgac 240  
 cagtaaagcg cgtctatagg tccgatgct tcaccagtat ncgaaagccc ccaatgctgc 300  
 gtagaacaaa aggaggggca ctngcgagat caacccagac agcgntctta atggtctga 360  
 cgtcttcatn acctcaagtc ctctgatgat acatctgcga tgggtggagg aagcgtgac 420  
 ccgctgtagt naaaaccggg gggggggggg ntgattgatg ttaactnacc ttgccgacac 480  
 gcccaaaagg gngatccana naacgaanaa aataaagtcc ctanccgaac aaaaaaccgg 540  
 ngattncccg gaaaanggac gaatt 565



<210> 3208  
 <211> 489  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(489)  
 <223> n = A,T,C or G

<400> 3208  
 caaanccggct ggggntgctt gcaggnttgt ccgggnagtt gagcctgagg atgtttacga 60  
 cgaccgtcca ccaacagctc gatccaactc caaccactct cagtacagct acccaagcaa 120  
 cagttctcat ttaagcagtc acccaagctt nagegaagag agcttccaag atccatacgc 180  
 aaccatccgc tcacaaggct accgtccgcg tgccccctcg cgcgacacat ctcggtgaa 240  
 tcnatggnet ctaccaata! ctcggtatct gagaactggg agacctatga tgatgacaac 300  
 agcgagcccg aagttgatgt gtccgatgnc tactatgcan gctaagagct actcgaagca 360  
 aagcagttct tacctgante aanggcgggn ctatgagtag ncaatctaag cgtatacccg 420  
 ggggggcacc gacgggggtt attgetgnac cggtatgac gaccaggatg gaaaccgatn 480  
 atttttgca 489

<210> 3209  
 <211> 280  
 <212> DNA  
 <213> Fusarium venenatum

<400> 3209  
 caagcatgtc agacacctct ttgtccatgc tgaggtcaca agtgatacag tcagcgttga 60  
 tggatcttg gctgtagcag aggaatacca cgctacaatt atgggtattt caatgacatt 120  
 cttgaagaag caccgtccta ggcacctgct gcctcgcgaa cggtttttgt tagaagtcct 180  
 ggggacttat ctcttggaac acaagaagag ggaggagggtg acagttgaga aataaattaa 240  
 gaagcacgtt aatcaaataa taccaattca tttacacaaac 280

<210> 3210  
 <211> 385  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(385)  
 <223> n = A,T,C or G

<400> 3210  
 ggaatttttt tttttttttt tttatcgtga tgaatagtat tttgtattcc tttatcggaa 60  
 tcacaatgtg aagcgtact ttctgaaacc caatatcgct gtcgaaaacc aataattcaa 120  
 cgtgatgctt ccactctcac ctgccttgaa tgcaaaggcc gaggaaacgc cttacgctca 180  
 aatgttaaag caagaatcat gtngtgtcga gagacagcgg cgatacctat cgtcagccca 240  
 tgotgcattt caacaaacca aaccacaaaa tgcaaccatt tqcqcctt ttactacgc 300  
 taaagcacc acctcaggat gtctcgnget ttcattcgaac atatccatgt caatgctatc 360  
 agattggcgc actccttttt tcaga 385

<210> 3211  
 <211> 356  
 <212> DNA  
 <213> Fusarium venenatum

<400> 3211  
 aattatacat gttccagtga tgaaataaat ctccaatata ggaaaggata agactagagg 60  
 aaggcatttt tacgaagggc gtttgggcat ctgtttttca ggaaaggat actggcagtg 120

cctttatcga	ttggacggcc	tggtcatgct	gtcaaaggag	tatatcggcg	tggataccca	180
acccaacctc	ctgcctgaga	tgggaacata	ttatattata	cagcgggggt	aattggaaac	240
tctggcattt	tctgctctat	catttaateg	tcagtcactc	tgaatttcgg	ctagatcgaa	300
ttacttcaac	ttaaaccaga	aggaaagttg	agcccggact	ggcttctggt	tcattc	356

<210> 3212

<211> 747

<212> DNA

<213> Fusarium venenatum

<400> 3212

tttttttttt	tgtaactcat	taaagacaaa	actatcaagt	taatgcgtta	atctttgctg	60
gggtctcaat	attcatgaaa	attgcaagca	aaccacccaaa	cacaaaaggg	agaaaaagga	120
aatagggagt	cctgtctctg	aacatgtaga	aagaagaaca	atagcaagcg	tggtatgtaa	180
ttttcgcctg	aagcttaggg	tacaccagat	aaataattcg	acactttaca	cggatggatg	240
ttcgctccaa	gtattctcca	cctcatctta	aataacatct	cccggtctac	caggaatttc	300
caccgtgcac	ccgtgataat	aatacccgaa	agcaatagat	agcgaactgt	aaaaacaaca	360
aaatgatagg	agagaaagag	acgtgtgaga	ccgtggggag	ttccgaagaa	aaagccaagt	420
cgtagtatgt	gggtgtgctg	gtcaaaccag	cttcagtcaa	acaccacatc	cagcgtcggg	480
aacataaacc	aaaacaaata	gtgctctttt	ccctgaaac	caccacatag	gagggaaatt	540
gcctcctgga	ccagatcgcc	aattgaccat	gatatagttt	ccactcagaa	cgcccgtgac	600
aaatgatgcc	tgattaagtc	ttgaccccaa	gctcgtgtgt	aatgcccaacc	cagcctttca	660
gaagactgct	agtctgctcc	aatctcatca	cccattggga	aagcttccgt	aaagttaaag	720
gccgaggtgt	caccatcctg	gtcgtgc				747

<210> 3213

<211> 241

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(241)

<223> n = A,T,C or G

<400> 3213

aggttgggtg	gggatgacaa	ccctgctcgt	cacatagggtg	catccatctg	atccgcctgg	60
gctattgggt	tgtccgaggg	ccgctccctt	tttgtctgga	ggtactcatg	ttgtagttac	120
acttgaggtg	agcgtggcaa	aagggtggaag	ttcgataga	atagataaga	ttgttctggt	180
acgaatacag	gcgacttctc	gattccatcc	ttctaaaaan	aaaacttaaa	aanttncata	240
a						241

<210> 3214

<211> 249

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc feature

<222> (1)...(249)

<223> n = A,T,C or G

<400> 3214

gacgaaatna	tcattcaact	tctncagatg	agataactcc	gaggaatcta	cagacaggtc	60
cactgaatnt	ttctagaaaa	ctgcacacatt	cggttctatt	aatgacgato	gcattcttcc	120
ataaacacag	ccactgagaa	ggattcgaaa	gtttccactg	atagtctcgc	ccaaggcatt	180
ctaacttgag	ggatggccgt	catatggtaa	agcgatgtcg	gcataaaagc	aaaaaagggtg	240
tagggtagt						249

<210> 3215

<211> 167  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(167)  
 <223> n = A,T,C or G

<400> 3215  
 nactgataaa cactaatgan tgctgtcgta ttgcatttgt agcattcact atctgcagcc 60  
 ttactatttc ngtggcgana ccaactgnttt aaanggcnc a tttgagctac atanttggn 120  
 acaatnaatg ctgtgannta tnaatgaatt ggaaancttt tccaaaa 167

<210> 3216  
 <211> 484  
 <212> DNA  
 <213> Fusarium venenatum

<400> 3216  
 tgcgcggctc cgatcccgag ggcaaaaatg gtccacagat agacactcca tgaacaataa 60  
 tgataccacc caaacgagcc aataggagga gcaggctgtt caacagcccg tcagaatata 120  
 gtatctacgt gtcgtccaag ccacagatcc agagcaggtc aggctgttca ggacgcccga 180  
 gcttcttcag gacgagggtg gtcaggaggt ccaggctctc gagtcaatag gatgtcgtca 240  
 aaatcaccag gctgggaaaa gccacccaaaa ccttacgaag gaagatggga gaccggtggg 300  
 atgagggacg gaggtctact caggcgtcaa ttgttcattt gcctctgcta agggcacgga 360  
 aggtttcatt cttgcttgta atggtaggca aagcataaaa gagaaaaatg agacccaaag 420  
 attaccacca cacgtcatat ggccgggtct tctgtctacc aaaaaaaaaa aaaaaaaatt 480  
 cctg 484

<210> 3217  
 <211> 65  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(65)  
 <223> n = A,T,C or G

<400> 3217  
 ctcacctnaa ctgnaataaa caaaacgcna tggcccagtc catcattcgc atatacaagg 60  
 aaactt 65

<210> 3218  
 <211> 302  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(302)  
 <223> n = A,T,C or G

<400> 3218  
 gaagggttctg cgcgcngatg ganagcgcag nggttgacgt gatgcggagg gtccttttacg 60  
 tcatgttcgt ggntccaaac agcttaccaa cgtacgattt gcgagcgaat tttttnnagt 120  
 ctggaaagga agagccatac ntgaagttag cagnttgcat aagcttgaat atccaacgtn 180  
 taacgacata ntngaagggt atttcgagat gagagttatc gggagttaaa gaagccttgt 240  
 tncatagtaa ttaaatactg tgcacccaaa anaaanaaaa aanattctg nggcgtctga 300

<210> 3219  
 <211> 116  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(116)  
 <223> n = A,T,C or G

<400> 3219  
 ngtccaagtt anagttgttg tggtttcana aaggtgagga cttgcnggat ccttttgaag 60  
 ggncttnttc tggccgggta ggaaccntt taatgttcac cggtnaagtt gtagcc 116

<210> 3220  
 <211> 260  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(260)  
 <223> n = A,T,C or G

<400> 3220  
 cgacatgaat cacaacggga tgacctctaa cgccatgtcc tattaaggcc acatagaatg 60  
 agttgaaagg atttactgct ggatgcagtt gaggctacta tgttggtggt attagaccag 120  
 ccaactctta ttctgtgggc tgacgcagcg ttgagatgaa gcaggatggc ggactgaatt 180  
 tagccacctt ctctcnctgt agtattgnag gctgttagat accaaagaca gaaaaaagtt 240  
 cccattgtct aaaaaaaaaa 260

<210> 3221  
 <211> 211  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(211)  
 <223> n = A,T,C or G

<400> 3221  
 caacatattg atttggttga tggatccttg agtttgcttt gttgtaatac ccaagctctg 60  
 gtctgtogac actacgggta tttccccagg ctacttacta cctactacga aaccgcttaa 120  
 ttcaaacaaa acaaaacaaa acaaaacaaa acaatctnaa ccactccacg atcgagacga 180  
 ttncogattaa ccccgcggaac gagcgattag g 211

<210> 3222  
 <211> 324  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(324)  
 <223> n = A,T,C or G

<400> 3222

caaaaggtac	acgataagtg	taagtcccag	tgaatgaatg	aatgatgaac	atgaactagg	60
taaatctagc	gtgaatgcaa	accaacgggg	aggggttacc	ctatgaggtt	tacgtattcc	120
gaggtgtgga	gggggtgttt	gggaatggga	ttcgaggagt	gaaagtgagg	agtaaggagt	180
gaanaacagg	tatgtaagaa	naaagctgat	gtactgtatg	cacttgcaact	catacgaata	240
gatcatatga	ttcatatgta	tgtaagtnta	tgatttgatg	gcctgcgttg	ctcctgggct	300
gggtctgggc	ttactgactt	acat				324

<210> 3223  
 <211> 154  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(154)  
 <223> n = A,T,C or G

<400> 3223	
ntgcctttnt	gnttacagng
gnacattactt	ggganaatcc
ttgcnttacc	ccaantttag
ggacattgcc	gnaggntccc
ccttttggt	gnttgaacga
atanccatt	tgcccgaac
cnggengttt	ttcngnaagg
tggtgaaccn	tatc
	60
	120
	154

<210> 3224  
 <211> 349  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(349)  
 <223> n = A,T,C or G

<400> 3224	
cgaggccaag	tcgcaacagc
aagaagatca	aacaatggtg
ccaatcggag	actgagtttg
acgttttatct	ganccaactg
ggcttcatgc	ctgtaatgga
cccaaacatc	aacaccgccg
gongtgantc	taatgctgca
ttttcggata	actcgnaggt
ggcgcaaagt	gcagactgga
tgtttggaag	cgcanccttg
ctgggattgt	tggaacagga
tatatctnaa	ataggcngtc
cccagtggcc	accaatggtg
aanggtgaag	ggcatgggcc
aatagataga	agatgtatna
ttgnaaccgt	ttaaaaaan
aaaaanaana	atttctntgct
gccgctcga	
	60
	120
	180
	240
	300
	349

<210> 3225  
 <211> 177  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(177)  
 <223> n = A,T,C or G

<400> 3225	
naactttaat	cgccttgga
ggncattccc	cttttcggca
agtggcgtaa	taancnaaaa
agccccggcc	ggatcgncc
ttccaacaag	ggcgcanct
tntacgtncg	gcgggtttaa
gggttaacnc	ttnttanagg
agaaacccgt	ttctntntgg
ttggggttgt	tcaaaag
	60
	120
	177

<210> 3226  
 <211> 238  
 <212> DNA  
 <213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(238)
<223> n = A,T,C or G

<400> 3226
ncncaagact tccacaataa tggacnaatt gtgggaatgg tttntttttg aggatnggng      60
caatctacan gcggggcgan tgnacacat  gaaatttnac ttggagtcan nggcattgcc      120
attcttttcta tcnttgcggc nttatcntgg gngatacctt ttttctggct nggatgtttc      180
gggggtttctt gggacatttt cggacatttt ttntacttgt tgcantaggt aaggcttg      238

<210> 3227
<211> 155
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(155)
<223> n = A,T,C or G

<400> 3227
gatttttggat ctgggcccac atgaaaacct tgctgggtgta tactggagcc cgcctttcca      60
gaaccaatac cagaacgtct ctgtcgatat gcgactgngg ctggagccag cgaaactggt      120
cgatcgactg atcaaagacc ctgatnccnt gtcca      155

<210> 3228
<211> 156
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(156)
<223> n = A,T,C or G

<400> 3228
nataggcnan agattgttnac caagtggcct gaggattgtt tctaacgaga tgggcccacn      60
antcaaccan tactgcanaa ngcattatgg cttagccacc nnaaactttt gcacngaaa      120
ttgtctggcng gattngggaa ncattaagga ccttnt      156

<210> 3229
<211> 221
<212> DNA
<213> Fusarium venenatum

<400> 3229
gacagacaca agcagataac acaagttgtg aggagagaat accagactac tccataacgg      60
cttqtqttqa atqtaqttqt tqctttqacq cqqqtctqat qqatqaggaq tqagqctqca      120
gnggtgtggt ggtagtgac agacgcgcag atgcagtgag aagagttgta aatgatttga      180
taagcaccda taacccccca aatgaagcga agtggcatca g      221

<210> 3230
<211> 270
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(270)

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<223> n = A,T,C or G

<400> 3230

ccaagaagta	caggagcaag	aanctcacca	aggagganaa	ngagaancgn	gtccangagc	60
gcatccagna	natcatgcn	caggattaaa	aagttgcttt	atctcattgg	gtnacgggca	120
tattgangat	tgctaacctt	tgnattgggt	ttggagtttc	gaggaaaggc	aaggtctatn	180
aaaaggacca	tatnaatgaa	ttaacaaaaa	gataccttcc	agcctaattn	catanttttg	240
gtgaaacggg	ntcttcatta	ctccataaaa				270

<210> 3231

<211> 351

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(351)

<223> n = A,T,C or G

<400> 3231

cttacctcga	gctgctggca	ggagcgtgag	cggaaagcaa	gatctagccg	ctgctgggtgc	60
aacggctgct	atgagtcgac	gatcatagtt	tctatttcag	agaatgcctt	ttcatgacga	120
ttggagtcag	gttgngtcga	gcatttcttt	tttccgtttt	caaacttggt	tgccattggg	180
taaaccatac	actgcgctgc	ggcgctacct	gtgacgacaa	aaacttttcc	ttcacaacat	240
gattgcatca	ctacaactac	ggttatggaa	ggggcncana	aagaaaaana	ctcatttttg	300
ggcatngggg	attcatctta	tttatttttt	caaaactcgg	ancaaacacc	c	351

<210> 3232

<211> 350

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(350)

<223> n = A,T,C or G

<400> 3232

tttttttttt	ttgaacataa	cgatatattaag	aatgtttttat	actgcggnac	taactcatac	60
tactactact	gtgcctgctc	ttgcttctca	aaatacatna	tctgttgnc	aattggattg	120
tttggtagtt	cnaagaacgc	tcaatttggt	taatattggt	gtacncaata	acaacntcag	180
aattctnataa	ttatcttatg	nttgcatnca	tctcttcagt	tnttggtcca	aataccacnt	240
attatgttac	ttgttaaggn	nttgacattg	ggctcctcac	ngccgatatg	ctccttnaac	300
tngagganct	cantggnaaa	cttgantcct	ccttcnggaa	gtcttgagct		350

<210> 3233

<211> 236

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(236)

<223> n = A,T,C or G

<400> 3233

nacaatanct	tctanggcta	nagccgtaag	acaacaactt	ttttgnaaan	ggcacataat	60
attgnnttgt	atagtgggaa	caatntaact	tgancttttg	ttataacnac	naggttcttt	120
ngnacagaga	nacccantct	acgctgatna	tttcnccaac	gangaaaaca	ttttggctgn	180
ntggtcgaatn	tcattggcacg	ngntggagga	aanggnccac	ggntcactng	atccgg	236

<210> 3234  
<211> 121  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(121)  
<223> n = A,T,C or G

<400> 3234  
natcggaac tccttangag aaaagcgcc ccctttaagc natgnttcaa aaaaagntaa 60  
agaccnattt ctaaccnacc ttgcnagna ttttnccgag tacnccccac cgntaatttg 120  
a 121

<210> 3235  
<211> 223  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(223)  
<223> n = A,T,C or G

<400> 3235  
nggattaaaa acttttatnt tgggcccctc caacnttcat ttaaaagatt ccttgcggcc 60  
gttaagcaat ccttttaaaa gggcccagtc cgcctattaa gaagtcnant accaggaaaa 120  
cgccccggt ttnacaacnt aatggacttg gnaaaanctg gccttnccc acttaatgga 180  
attgcnaaaa agtccccntt tgacagcttg tctaaaaagt gaa 223

<210> 3236  
<211> 166  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(166)  
<223> n = A,T,C or G

<400> 3236  
ngaacacgc cncnttaatg atgacacttn naccctagag ngcacacggc aaccgctgtt 60  
nctctttaaa ttnacgatct gccctncctc aatcctcatg gttggggacg angatttacc 120  
atgaccagnt ggtattgtgn tgaaancgga agaccctnta aacttc 166

<210> 3237  
<211> 170  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(170)  
<223> n = A,T,C or G

<400> 3237  
ncgcgaccgg atatcagcta ntgctatatn ctctngcaac gagggcatag nggncggtta 60  
taccgngnt attccncacc tggcttcttg atgctcgctg gctagctttt cagaaaacco 120



ccttttaaann cttgatcana gccttgaagc ttctngagc ntgcggccct

170

<210> 3238

<211> 228

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(228)

<223> n = A,T,C or G

<400> 3238

ccttggtgag agccagacgc acgagacaac acccgacgca taatcccatt acagtacagt	60
agtggccttt ttaqctgcag cctttggctc ccttgacagt gatcctgggc gtgacgacac	120
ccaattccca ggctccatca caacaaatta atccctacta cttatttttt ttttgggcga	180
cagngcattc aacaactgag ttttcggggn ttgaaaccnc caagtttc	228

<210> 3239

<211> 126

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(126)

<223> n = A,T,C or G

<400> 3239

nnaggggcgga gccaaagaacg tgcattggnt ctgcnctgtc tgcnacgctc ccatgnaggt	60
gctcggngtc actgogaaca acaccgactc gcctctgcc aacatgatca tccaacgcnc	120
ttatga	126

<210> 3240

<211> 114

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(114)

<223> n = A,T,C or G

<400> 3240

nccattgata tgaccacgga ttggattaat tgcacatgga aaanggccng tcanattgga	60
aggttccatg cggaaaaang gacancttat acggccntnt aaggtctgga cctt	114

<210> 3241

<211> 153

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc feature

<222> (1)...(153)

<223> n = A,T,C or G

<400> 3241

nttttanttt ttngaaaagg gnggggggttc nataaaggcc aaattttttt acaggcgtec	60
ngganggact ggaacctttn ncaacttttt taaancanag tttggcactt tntgnaccc	120

cncacnccct nttttaanca agangaaccc gat

153

<210> 3242

<211> 178

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(178)

<223> n = A,T,C or G

<400> 3242

ggtatcttga	agaatcgcc	cgaggttcgc	tacattaaac	ggtgcatcct	gacgcaattg	60
ctttgaaacg	gcgcattatt	gaagatttgt	ttggttatat	aaaaanggcc	cttgcgcctg	120
ctggcattgg	gnggetatct	cttccaccc	ancaatnqcg	acagcgcgcg	ggtttaaa	178

<210> 3243

<211> 374

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(374)

<223> n = A,T,C or G

<400> 3243

tgatgagttg	cgcgtcaaag	ccacaactaa	tgtatgggca	gttggagaca	tcgtatccaa	60
gcctcgtgcc	tctttcttga	ttacggaggc	acaggccgct	ggtgtttaca	aaaacatcga	120
tcttgtaact	aagagtaagg	aagcccagcc	tgtgagtgcc	cctcgnctgg	atgcttttct	180
gtgcgcaacc	ggtcgaagtc	gcggagctgg	aagggttagc	aaagtccng	tgccatcgct	240
agctgtgtgg	acggtcaagg	gtcgaacgtt	gggtattgag	cgcacaaaaa	agtaccgcca	300
ctgggagtat	gtggtgataa	gaagtactag	gtangtggtg	taacgcctga	tatcctatct	360
aagaaagcgc	caaa					374

<210> 3244

<211> 154

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(154)

<223> n = A,T,C or G

<400> 3244

caaataaqtg	acctatggaa	atgacaccga	acgaacatgc	cctatggaac	gcgcacatgc	60
aaacqcccqt	cctcttcaac	caccacaaqc	ctctcaaaqt	ngatccccct	tgattnaaca	120
catgatctg	naccccaata	cttttaagcc	ccaa			154

<210> 3245

<211> 232

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(232)

<223> n = A,T,C or G

<400> 3245  
atgatatgca aaaaagcatt gctntgaggg tttcgaaaat ggtgaagtgt gtatctcgan 60  
catgaagtgc tcggtgttgn gatctgcact tgcggatgat acgcgtactt ttagtgactt 120  
catgccacac atcaagttcg gtggccatcg gtncctctctt gagcgagcct tttntttant 180  
aggtnttttg tccttnataa tcttgttntg accgcgttaa cggctattta at 232

<210> 3246  
<211> 225  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(225)  
<223> n = A,T,C or G

<400> 3246  
ctcatctttct gttgcttcag aagatagaag aagcatgaaa ccttgccggtt ggcctgttgt 60  
tggaggtatt ggcgcggagc anagagttgg tttcttgatt gagctgctgg agctaggaag 120  
aactcgggtt tagacttggt atggcatggt attatttcca gcggttcagg atatggatta 180  
tgatattcaa taagcgggta ccgtaaatga gaactgcaat cacat 225

<210> 3247  
<211> 191  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(191)  
<223> n = A,T,C or G

<400> 3247  
aaaaggtggt tggccaggcg aactgttttt gtgcctgggg ggcgttttga gcatccggat 60  
cgatccatagg agatgaacgt ctttggtggt attgggtttg cgcttttttg ttaagtagct 120  
acaggcaaca agaagttact tggtttaaat ggacgatagt tgaactatga aatacgataa 180  
gtacacacta n 191

<210> 3248  
<211> 148  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(148)  
<223> n = A,T,C or G

<400> 3248  
nttggcggac aanaaggacg ngtcgacagc atggntnttg acctngaattg ttgggatcan 60  
atntgtayga ctaattttata anaagattag tccnatctgt tanacaaaaa aaaaanaaat 120  
naaaaanaaaa anaattanaa aaaaaaaa 148

<210> 3249  
<211> 123  
<212> DNA  
<213> Fusarium venenatum

<220>

```

<221> misc_feature
<222> (1)...(123)
<223> n = A,T,C or G

<400> 3249
nttttttnaa ncccgancct tccgncggaa naanaccgaa ntnatccagg ggggggggta      60
aagggnggat ttaccacant tacctcnaa ttattcccgn ggtatnggcc gnaaaatgaa      120
aaa                                                                123

<210> 3250
<211> 154
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(154)
<223> n = A,T,C or G

<400> 3250
agctcgacag acagtagcat gtcgtcacgc gtgttctctc gacatagtat tgagacaatt      60
tcaacgcctt tacaaagtag tncagctttg gaccgcagtc ccttttctat ggactcaaaa      120
aangggccta cntngggcca atggcccca aaga                                154

<210> 3251
<211> 310
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(310)
<223> n = A,T,C or G

<400> 3251
naaaaaaaaa aaatnggcgc canntttttg gacnaaaggn ggggccc aaa aatanaattt      60
tttccccaac acgattnttt caacncttag ggattnaagc agngtaaaa agggttttcn      120
ttttccttct cccggccaag aagcncgcgc ccacaanggg gcgttctgca acagganaaa      180
aacccecgana cgcanttgnc ccgcgcgtatt atttntggga ntaaaccaan cttgaccagt      240
antgcencgc gnggtataac cangccggcc tttaaacaac ggctttttac attggcccgg      300
anccccang                                                                310

<210> 3252
<211> 187
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc feature
<222> (1)...(187)
<223> n = A,T,C or G

<400> 3252
totacaaaagt ccttcaccac ccggatagtg tgacacagga agatgccgaa ggtgcggccg      60
atgtctctaa agcgtcactc aaatggncca tgccttatcg ccacctgnac caacaagcga      120
attatccaan gacttttttt ggncccaaaa cctttttggg aggtctnngg gctggggnaa      180
ttttttg                                                                187

<210> 3253
<211> 465

```

<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(465)  
<223> n = A,T,C or G

<400> 3253  
tttttttttt ttttgccata gataatgcct gaataataat aactgcttat tgaacgactg 60  
ttatgagtat ccagatctac ttctcctcca tatcagttgt ggtgccaatc tcacgagttg 120  
catcaagatc gtgatgaaga aattttaagtt tgttaccgag acgtgtgaag cagtcttcgc 180  
ccagtggttaa tctcaagatc ttgcccttaa gatggcctgc ctttccttcc cccgtagcaa 240  
cttcgtagat gatatccact cccttggttg gatcgccgcg ctgtttcnct gaagcgttcg 300  
caaacttggc aagtgtttcc gatagcaagg taccctcata tgcctttcac tgatcgttgt 360  
nttaacgcta ggcgnaggaa gtaagtgcga aatgctcaag ctgcgattag aacattggta 420  
ccgactcttg acttttngat agattttaagt taacctcaaa ggcca 465

<210> 3254  
<211> 368  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(368)  
<223> n = A,T,C or G

<400> 3254  
agccaaaggc atgacttagg ggaaagacat tatttgggca cgcactgcac agcaggaaac 60  
aagactatga actgatagca tgaaggggtg ggaggggcct cttggggcag aagcaaattc 120  
aacactggcg gttacgatgc gtaccaaacg aagggaacac aagtgcacca tgtgtttctc 180  
gagggctgtg gttctggcac gaggccatca ctacctacct agtcaactcg ctgaagccat 240  
gtgttaacca gaggggcagc ttctggtcgg naaaggggaa gagagaaaag tcgagggaga 300  
aatcagagat gacaagaatt aaaacctttt ggacttgaag ttagcttcaa ttcaactcaa 360  
atttagag 368

<210> 3255  
<211> 124  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(124)  
<223> n = A,T,C or G

<400> 3255  
nntatqaqca ttqcaacqng agaccaqqqq qqtentqqqq qcctcgatcat gantctaaag 60  
anantaagga cacttgggna acttttgtat tcagtaattt naangcctct gangaentaa 120  
aggg 124

<210> 3256  
<211> 337  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(337)

<223> n = A,T,C or G

```
<400> 3256
gccaaactttg tgggtcgaca gacagcctgg agtcctggcg gcgagtgggtg tgttggtggtg      60
ggcagttcaa atcaagcgct gattctccag cgatgggcta gcaagggtc aacttctaga      120
gcactgtctt ccgcttcgcg ttccgtttct gcgtccgtgc ctcttctgc accgacacaa      180
agcactgccg tttagagctg tgctcaaggc taaagccctc ttattggaag gctagaatat      240
agtgatagtg aagtatctcc ttcagaatca tcagagggat tcaaaactct taatgcagca      300
ttgtcaagtt cgctncaaa aaaaaaatt nattatt      337
```

<210> 3257

<211> 155

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(155)

<223> n = A,T,C or G

```
<400> 3257
cagaggtctc cttatcatca tcccccttcc aacgctttgt tgactttgct tttgntgggtg      60
gtgaatcacg tcacaatatt ctcatctatc cttcngnaaa ctttccaagg aactgatatt      120
ggcnaagnac ctgggccatg gcttttgntt ttcta      155
```

<210> 3258

<211> 605

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(605)

<223> n = A,T,C or G

```
<400> 3258
cacgcgcctg ggagtgcctg atcatacctc acactctttg caatgcccat cgccaaaaga      60
aacgacgctc cttcaaatac tgatacccca tagacactcc tttttgacga ctttacgacg      120
attcgattgg ttatagaatt gactccttgc ggacccccct ttaccatttg tgggaaaacc      180
gtacctggag agcatagcga ctgttttatt tatttttact gcgcccgga aaaagtttgg      240
cgtttaccgg agtttgagtt agcatttggt tagcgcttcc gaccttgta tgtttgcttc      300
tttttgaatt gatcatgctt atcgcttcca gctcttcaca gagcttgga tggcgatgga      360
acaacacggg acggaagcac gattggylil tgggatattt tatctggctc tatgagagag      420
actgtaggcg gatatatgtt ttggattggc atgacacata tgaaggatat catgtgaaga      480
tagacgctat atttgttgct tatcacggct gtatttcatg atttgtaggt agagaagatt      540
gatgttttga cggcagttgc atatactgcc tggagggtta ttcttaatct acgctgntgc      600
atatt      605
```

<210> 3259

<211> 417

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(417)

<223> n = A,T,C or G

```
<400> 3259
gtacgcaccc attoctaac caacatggcc cgaagataag ggcgatgttc ccaattccat      60
```

cgagtgcagag	caactatggc	tttgtttttg	aggggaatgta	tagcaacgct	gttgccacaac	120
cacattcacg	aaatgattca	cctgcgtttt	acgaatctcc	ttgatatacc	aggatatacc	180
tatacgtctt	ttccccttat	aattttctgtc	tgatcgtcga	cagttttctt	tcgcagcatg	240
ataccaggtc	ccgacggcca	cggaaagcgg	atgacttcct	cattcgtttc	cgtggacttt	300
atctttcctt	ttctttcctt	tttctctctt	tttctttctc	ggagttgtag	gcatttgtca	360
aaagnatgac	tctatcatca	taaccgcgtg	cttttcgctc	tatttttnaat	aggggca	417

<210> 3260

<211> 476

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(476)

<223> n = A,T,C or G

<400> 3260

gttagcttgg	tgggtcagga	attctgccat	ccagcatcat	tcgcatggcg	ccccgctttc	60
tggtactact	ggggccaatc	tccggtggta	ctgccctgta	cttacagtgt	tgtccatgtc	120
tatgcgacct	gtctgtgtct	accctgtcgc	ctcctagtat	acagggctgc	agaacacaat	180
agagtggcgt	ttccaaggag	tgtcttcgtc	ttccttccat	tccttctcga	ccaagccttg	240
actcatgtag	ataaatctac	gtcgcacgt	ctcaaaactct	tgatgacgat	gcgggtcatg	300
ccggtctttt	ggactgtttc	caacaattgc	cctgtgttcg	tcggtaactt	tgttcttgac	360
tcgttaccen	ttgngagcgg	aggctaattg	ctttactctt	cgtttnatat	ntttnccaac	420
tttggcatga	cttttttttn	tggntaactt	tttttaaaaa	aanaancgtt	ttgggt	476

<210> 3261

<211> 179

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(179)

<223> n = A,T,C or G

<400> 3261

caacttcggc	gtgcccgttt	cggcagtcac	gagaacctna	gttgtgtcta	tgcctgttca	60
cggactcact	ttgggtgaag	tccagcgtct	tcttcgccga	cgatcganat	caaggcttnc	120
ccttagtcga	agataagcac	accaaggntn	ttatcggcta	catnggctgt	ataagagtt	179

<210> 3262

<211> 274

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(274)

<223> n = A,T,C or G

<400> 3262

nggggggant	caanaaaactt	ggggnaaaat	ccccccaaaa	tgnngnggaa	tttcgggnana	60
ttttttngtc	ctgnaaaaga	ngggctccaa	nacogaagat	noctngccac	aaatccgggn	120
gggggggattt	ttatgntcag	ggcccnccnt	gcaggaatcc	gaatttcacc	ttttttgcac	180
nggccagasc	ggtccttttg	ggggncntnt	accancagtt	tangnggggt	tttttatcc	240
aacctgcccc	aggnggggta	aaacatgctg	gccc			274

<210> 3263

<211> 211  
 <212> DNA  
 <213> Fusarium venenatum

<400> 3263  
 aaaaaaacgcg cccgatgaacg acaaggacac tggcatcaac cgcttaaaca gcaaatctct 60  
 cggagtctag aggggcatga gaaatgcac gcctctactc caaacccgatg agggcgctaa 120  
 ggagggggta cgtgaaaagc cttgtgtatt atgtacgagg ctatgaaaaa taaacaaaac 180  
 ccctttgagg gccccatctg aatgatgtgc t 211

<210> 3264  
 <211> 402  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(402)  
 <223> n = A,T,C or G

<400> 3264  
 agcgcgatga aaagactggg gacatttttc agaacaaaat cgagaaagac gcggcgggacg 60  
 cacacgaggc tggaaacgcg atagtgtctc aggccagcga tgccatggct aagtggctcg 120  
 aaaaatatga ggatgacact cagagatgga caaaccaaac tggcctcgaa ggttgngtg 180  
 atgcgacaaa agccaacaag gaaaagggcg ccgtttgaaa ctggttagtg acgattggag 240  
 aacaaaacat ggggatgggg gttaaggcgc ctggtgtatc ctattcgaga tcaagaagggt 300  
 gaagccagggt taaatgccgn gtgctaagtg caaggattag gagtaattgg ttttctcttt 360  
 attaataatc tttttttttt ttgnggaaca atattttntt ta 402

<210> 3265  
 <211> 203  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(203)  
 <223> n = A,T,C or G

<400> 3265  
 nonccggaca aacggacaac cggaaacggg aattttaatc ttaancaatt atcagggggg 60  
 ccactacccg cgggntttct ggtnaanggt ttttgggacg acaanggntg gggaaatgga 120  
 augettgggt ggcaataaca ttttaaggnt tgggnaagaa ttttcaattc ggttacaaga 180  
 aaccttcaac aaacaggaaa aat 203

<210> 3266  
 <211> 184  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(184)  
 <223> n = A,T,C or G

<400> 3266  
 nottttatta nnaaacgggg ccnggantgg gaaacggcgg gcttctnaag ggnaaaaanc 60  
 ccggaatttg gccgggccga cgtaaaaaan ggatttnggg ttaaaaaaaaa ccttttgnt 120  
 aaaaaaaaaa atcaaggcgt gntccccnat tgcaattttt ttttcnaaaa gtcnngggtc 180  
 ccaa 184



<210> 3267  
 <211> 461  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(461)  
 <223> n = A,T,C or G

<400> 3267  
 ntcaaacaat tggnaaacgg gtaaaaaaac ggaacaaagg cttgatttca aataacaaag 60  
 cccaaataat ggggggaggt nttnaattcc ttnaaacttt tectnttcaa ggccctcttt 120  
 tnggggtggg ggntttaact ttenttcggc ttggggagcg nggtcttttt ctaaccctca 180  
 agnccttggg ttcaactggg cggctcggcg ctccacaaac cggaaaccact tgnctgattt 240  
 ccccttgaat caacgtctc ggggttcgctg natactttta gctcaaatgn aggccttcta 300  
 ctacttcacc aagagaaacg tgcccaggat ggccgcagan acaanggggc ttngaattca 360  
 ctggacagnt taaacgacat tacatttggg cttncatgnc ctggtcctct ccaacatcac 420  
 aacctcacag gaatttttan ctgntttgng gggggttggg t 461

<210> 3268  
 <211> 577  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(577)  
 <223> n = A,T,C or G

<400> 3268  
 atcgaatata caagggttcc catctggcca attctaggtc tacgggaacg acttggttaag 60  
 gctttgggtc aagagattgt tggttctttc aaccacagatg agatagagac ttgggaaaag 120  
 gatcccagaga gacctggcgg tgaaaagcgc aagcgggagg cctgtgtcaa cagcagcttt 180  
 gaagaagaga caacggagga aatgacccca ccaaagaagc gatgtctgaa agaaggcaag 240  
 ccggtgggca tgggtgatgt agagatgatt acaagcgacg catgatatga atcggtatta 300  
 gatcccatat ttggtgtttg ggagcaacag gacacgcata cactatgata cattggtcgg 360  
 gcggcctatg gaatttcac aagactccat ctngctccga ggcatacatg gtagctggca 420  
 acggcgcaaa agggtaactg gtaatggcg aancattggg cttncctttg atgacgggnt 480  
 ttatttgggg gttgtaagan agcngtagt tatnatatgg tgggatttgg nctggaaggg 540  
 aatggttgaa acttgacaaa tgccaaaata tnccttgg 577

<210> 3269  
 <211> 335  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(335)  
 <223> n = A,T,C or G

<400> 3269  
 atttgacaga aatgacaaag cgcagttctc gtgctcttct tactcagatg gaggccatgg 70  
 gaagccatat tcgaagctc cttgggggaa ctaatggcgt ttccgctacc atgctaaaatg 120  
 aggaagccat accaagcatc ctctcccctc aggactccgc cattgctgag ccaactcgaca 180  
 aggctacggc acttcagtt actgaacctc ctctcctnc acctttgacc acgccgaagc 240  
 tccatggacc ttgactgaac aacaggcatc antttggaga ccaactntgc gctccgnaag 300  
 anaaaatngg ggnntttaaa attctgcca atggg 335

<210> 3270  
 <211> 133  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(133)  
 <223> n = A,T,C or G

<400> 3270  
 naactggnta naagagactg gaaccatagn tttcctgntg tacgacattc caataaaacn 60  
 atnaacggaa tgctaggctt ctncagggt cattgggaac atgcagagga tgcccacngg 120  
 gataagcgaa acc 133

<210> 3271  
 <211> 269  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(269)  
 <223> n = A,T,C or G

<400> 3271  
 ntaatgaana taacctnaca anagtcgcac ttacgatgcc aattgaaaaa aacgtcttng 60  
 aaactgcaca tgggtgcttga taaggcacca gccttggata ttaaccagta gtcaatctaa 120  
 tacccttcat ggggtgggtgg gtgantgatt gcccatgtcc gagegctcta tgacaaantg 180  
 gtgggctttn ttgaccangt ctgtgtgatt tcatgggatc atagtggata tgcattgggtg 240  
 atttggttat tgnagtctat tctgnatta 269

<210> 3272  
 <211> 402  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(402)  
 <223> n = A,T,C or G

<400> 3272  
 tgctgagcag aaaacgagcg agcgggtacat ctctgaagt ccagtggagg gagatttggga 60  
 acattgtttt ccagatgat gatgacggtg aagtccgacc ttatgaatac actcctgtta 120  
 tcgaacactt tgaagtagca gccaaactacc agatggnttt tgatcaactt caaacttttc 180  
 cttgtngaca agatcttcca ccctgccacg ctcgaaaccc tngtttacga aattttacca 240  
 atacttnqgt ngaactctqg atcaattqca tangccaacg cgcaaagcat gccctaccaa 300  
 acccgaagta acaaaaagaa cgaaatcctt agatccaagc tncacaaaaa cgtattgcag 360  
 cgaaagagca gaaanatatg ccagaaacct gatntggggg ga 402

<210> 3273  
 <211> 195  
 <212> DNA  
 <213> Fusarium venenatum

<400> 3273  
 tccaacagaa gatgacagac aagttcgctg ctgtcatgga cgagtaagac ctgagcaagc 60  
 tgctgggttat ttctgtcttg aagctataga tgagtcatgt tgtgggatag gccggaacat 120

ggctgggtatt ccattactgt ttgcgcgcgc ccgtagtcta gtgtatgcat ccaatatcaa 180  
 ttgttcgaa attcg 195

<210> 3274  
 <211> 588  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(588)  
 <223> n = A,T,C or G

<400> 3274  
 ttacgcgaca accggtgcgt ggcaggatga ccagagcagt tccaagctgc gaggtctgaa 60  
 gctcaccgat tttcccaqtg ctgtagaacg ccctagcttg ccagttactc cygccccggg 120  
 ccaccgaaat tcttcttttg cagatgacga cgccgaaaat gaagacgaaa caacgaaaaa 180  
 gcttcttgaa gccgaaggcg ttccgacgca gtccgactgg gatccgatcg aacaactcca 240  
 gaaattggcc aagcagcaat cggatgtatt gcttaagaga ttgggtagtg atcaagaagt 300  
 aggaggagtg tgttaagccc acagccgatg aaaggcgaaa gatcagcagg catTTTgcgc 360  
 gatatgagca gtggccgtct cgaccccgag tcaactttaa cctcgcaacc gtcaacgata 420  
 ccccaaccca gttactccgg accggcgccg catggganaa aggcgaaat acccgagta 480  
 cgaaacgccc ttaccgccta aggaagatga attggatgcc ttaacgccta ggaaacaacc 540  
 ggacttcttc acaactcttc caatgggtcaa aggtgtcggg tctttatc 588

<210> 3275  
 <211> 966  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(966)  
 <223> n = A,T,C or G

<400> 3275  
 cgcttgcaac ataccctgag agctatccca gtttgacatc acaaacagct cagccagtgt 60  
 acggggcaac aagctatggc gaactgcacc cagagcatga aaggctgtgg cgctttgtcg 120  
 cccaggatcat atctgatgac cactggatgg atgctcgtgt tgtgtttaga gggtgtattg 180  
 ggcagcctcg tgaacattgt gaaganggtc gtggggaaga atcaggtgtt gtggcgcata 240  
 ccaatgacag acgcgcggca ggcaccatgt tctctcgaag cagccctttc agctccatgt 300  
 ttgcttcaat gctcccgttg atgatggcg cattggacgt gcagctgcga tgatgctcga 360  
 agcgtctgac cctgtgtcgt ctagcllccg gcgatatctg cgaaaggatc aacgggtcgg 420  
 gcccttttcc ttccggggatt atcgcaactc tttgactcac tctttttcta gcgtgtgggc 480  
 aagaatggtc atgcggacag aatacgggga ctctacagta tcatttcacc accctcccc 540  
 atgggtcaatt ggagctagct gtctagggcc caaccatgac ttggcgggta gatccgtcga 600  
 gcgcaaagca gggatcacct gtcggcctat ccaatcacgc gacaccacca ccaacagcca 660  
 tacgccacct aactacact atctcgagct tgtgcacgac gtttctagga gtccttctac 720  
 tcaacattct ttqatcttq aqctttttct qattnntgg ttaccatga cactttttgt 780  
 caccaagatg ctactcccg tcacgtacgg tatggatatg acttgcaac attttctatg 840  
 ncttctctta tctctacn gn catgcgtttg ntactgggtc tacaacgaat agaagacttt 900  
 tgggtttttt ttttttttgg tcaatgttta caggataga atggggattg accttgacat 960  
 gggttn 966

<210> 3276  
 <211> 228  
 <212> DNA  
 <213> Fusarium venenatum

<220>

<221> misc\_feature  
 <222> (1)...(228)  
 <223> n = A,T,C or G

<400> 3276  
 gtgaacaacc cagtatacga tgttgagacc gctaaagctc ttttcacgca gctacctgag 60  
 gaagaagccg ctgntcttct agccacatac ganttcactc atgctaacaa gctcttttgc 120  
 ttcaacctgg gcacganggn agcagaacag gcgccgagca gnctatnggc agntaccttt 180  
 ttttangtna aaccttttca ggacgcctac cttttaacna aagggtact 228

<210> 3277  
 <211> 381  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(381)  
 <223> n = A,T,C or G

<400> 3277  
 gaacgaaacc cnactgttac nagtatcatc aatccttgct tcaacttnaa catcaggaca 60  
 ttctcgactt tnttttgtec tttgtcgctg tcaaccaaatt ccattacccc ngaatccctt 120  
 gacagnctct attttgcgacc gccatcgttt cgccatggct ggctattggg ccttcgaca 180  
 ccttcaatcg gagcaccatc ntgcgcttgg tctntttgtc atcttctnta tgggttccgg 240  
 acagcctcta ncgtcaaaac acggcgccaa gcatagaatg atatccacgt tgaactcggg 300  
 atgacgatgt gagtngtggg ggctacatga acatgaaatg ttcttgctcg aaaatcctcc 360  
 tgaatgaana aaatattacg t 381

<210> 3278  
 <211> 435  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(435)  
 <223> n = A,T,C or G

<400> 3278  
 ngtagcgctt ccaacagcna agatgatagg ggggtgctcgt tgaccgtcta caaaaacata 60  
 tccaggcena cttttcttaa aaaatcggca aacgccaccc cgctgattcc aaaaggccaa 120  
 tctcgtgaac tntntattgc tttanacccg catgcagntg ntccganall gcacttactc 180  
 ctctgtcana tgggagacat gcgngatatg cgctgcgng tctcgtcaa acaacttgcc 240  
 angaggggat ttcgngtgta cccggtgacg agtttgcath gtccgaggcc gtttganctg 300  
 ctttatacct ggggnncagga cccangaatg cttttgnctt ggatgaccag tntactggtn 360  
 gggttgatgt ccaaaatgnt gatccacact gggancttgc ttgttttggc cttttggggc 420  
 ccaagcaagg ttttt 435

<210> 3279  
 <211> 152  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(152)  
 <223> n = A,T,C or G

<400> 3279

ncanggggaa	ggggaaggaa	tgggcataca	antctgacga	caaanttgaa	acggccggca	60
ntttgtttna	aaaagggggg	ttctttgtaa	aaaaanggga	acanggcntg	tgtaggcgtc	120
aaggcagaan	ttttgtgata	cggccatcca	at			152

<210> 3280  
 <211> 175  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(175)  
 <223> n = A,T,C or G

<400> 3280	
nqcggaaccc	anatncttct
cncgataacn	atggaacann
aatngntgg	attgaanaaa
	naattgagtt
	naacaaantg
	gaattcnatc
	gggaa
	60
	120
	175

<210> 3281  
 <211> 464  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(464)  
 <223> n = A,T,C or G

<400> 3281	
cccaaaaccc	atagtggatc
gtcgcgtctg	cgttggcggc
gatecaactg	gcaggcagcg
agtnccatcg	aattgcgacc
cctctccctt	tacacgggtc
cactgtttac	acnaanaaag
cgccaccaac	cactctacaa
gcaagcatgg	tatctccgct
	tcgcagcatg
	tttgaaattg
	aaga
	60
	120
	180
	240
	300
	360
	420
	464

<210> 3282  
 <211> 394  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(394)  
 <223> n = A,T,C or G

<400> 3282	
cgagtaatga	gcgctgagcg
cgatgggttg	gatcttcgag
tgaaatgggt	gatcgatttg
tctcttggtt	ttactttgat
ctctcttttc	tttttattta
aagtaaatgc	attgnattgg
cgattgtaca	tanaaaaaag
	cctgggcngg
	caat
	60
	120
	180
	240
	300
	360
	394

<210> 3283  
 <211> 238

<212> DNA

<213> *Fusarium venenatum*

<400> 3283

ggcttggttcg	tgggtctgtg	gcattgtcagg	ggtaggttct	tggcaaagag	ccgccccggg	60
gcctctcccc	acgttggctc	acacaagatg	gtgatgggtg	ggattcccat	atgtggaatt	120
ggggaaaatg	accgagtctg	ctgctgctac	tgtatgatag	aaaagccgtc	gacgacgttg	180
aagacacgca	catgctcaat	caaatccaag	gacaaataat	aaagccaatt	ttttttat	238

<210> 3284

<211> 364

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(364)

<223> n = A,T,C or G

<400> 3284

aactactcga	gtctcttggc	cacggctcgag	gcgggtgcacc	acctcgcgtc	taaggaaaga	60
aatggatacc	tagtctttta	agatgtcggt	gttttttagca	agctacatgc	atatctgggt	120
tgataccttt	ggcgttttgg	aaagggtgtac	gggactgttt	tcggaccata	gagggtccct	180
tgctattttc	ggaaaggggg	atcacacact	gatatccctg	tttgagcatt	tggactttgc	240
cttttttaggc	cgaggacgta	ttgntcaagt	ggcttcagct	tggacactat	tacccccact	300
tcggctngga	cctgcagan	ggcatnccca	ancttncgaa	acccgggttt	ccccaaaacc	360
nggg						364

<210> 3285

<211> 109

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(109)

<223> n = A,T,C or G

<400> 3285

nnaactacag	gctgtttctca	angtcttgat	naccatttat	ggcanggnnt	acgagacant	60
gattgtnett	gttgccaccg	cgaggatcag	ttctccgacg	taccattag		109

<210> 3286

<211> 566

<212> DNA

<213> *Fusarium venenatum*

<400> 3286

aaaaaaatgg	aaaatatcta	ttttggcgat	actttgcccc	tgccttgcca	gacctgatac	60
tgtacaaggg	ctgaactcgg	tagtttgggg	cataagctat	tlogtttcctg	acgtctctca	120
atgtctgtct	gaattcttcc	ctcttcgtag	tcaattactg	ttttttcttt	cgccagggtc	180
aattcatttt	gttcattgaa	ctcaaatctg	ccatctctca	catcgacata	cttctccctt	240
ccagccctct	cttgggtcttc	tctgtagaac	ggattagtgt	aaaactcaga	agcaactacc	300
cataaatgcc	agcttggttc	tgggtcaagc	attttgtaaa	tatccttata	atcgcaggca	360
attgtgtgag	ctggaacttg	ccgatttcata	tccggcacac	gcttagccgag	ctcataaaga	420
agattccaat	ccggggcgcaa	aggccaccag	atgatgtacg	gcattggggac	tccagtcggc	480
cagccattct	caaaaaagcgg	agagatcggt	gatcatgatg	cgacgaagcc	attatggctc	540
gctggatgtc	ccatgtgtat	ggggca				566

<210> 3287

<211> 134  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(134)  
 <223> n = A,T,C or G

<400> 3287  
 ncatgtgctt gcacaagngg gttccancac ctngaangag ccttgtagag gngagatngg 60  
 taagaatgcc nacgaactgg tcatgctttt gatgactant gaccttgggt acctcgggat 120  
 cnttnecatg tgaa 134

<210> 3288  
 <211> 502  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(502)  
 <223> n = A,T,C or G

<400> 3288  
 actggttggt cegtaatgaa ttatctttgt tccgcagttt gggttcgaaa tagcggcttc 60  
 tgacgcgaga tccctcgcat tgcccgcat tgtccaacat tgtgttagta gcccgtcgac 120  
 accatcaact agctagccca gtcgctagag cctgacatca ccgagtcac tgctcaagac 180  
 gaatatctct agatatcttg tcttctctcc ccttgcatc gccgtacttc atcactctta 240  
 tctcaggcgt tgtttgctca acttcaatca ccatggccga agaaccgatg ctcatgcgaa 300  
 tccccccaga gatccgtatg ctgatatacg accatcttct tgacaatggc ggaacaaaagg 360  
 acatttcaat ccgtaaccaa tcgagatccg agtatgatgc atgccgntcg aaacacaacg 420  
 gtcaacatnc acataatgga gccgaagtat cgtaagaggg cgtncgaaac acgtntgngc 480  
 catcccgaac acaccngca tg 502

<210> 3289  
 <211> 380  
 <212> DNA  
 <213> Fusarium venenatum

<400> 3289  
 attcgggtgcc tgccactcaa cactacagag gaaagcctga ggctcatggc cgttttctcg 60  
 ccagaactcg ctgatgtgga agtactccct gtggaacaat cagaagacag cgggtttcgc 120  
 tccgctcaca tgcgattccg atcaatggag gcagcacagc aggccagaac tatgctggat 180  
 ggccgtccca acatttccaa cagcgcccag atgattgtcg agatcaagtc cgatacctct 240  
 ccattcgcgc agcgatattc cactgatcct ttaccggcga acaactcgag ttcaccggct 300  
 tcggtgcgt cagcatcatc tgcaattgga ccaggtcagg cttcaagatt caacgggtggg 360  
 ttccactcac tcgagagcct 380

<210> 3290  
 <211> 220  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(220)  
 <223> n = A,T,C or G

<400> 3290

actcaggcaa	gtagtacg	cggtatggaa	cgaggctcgt	ctcccccgcc	gcccattgccg	60
gcacctcgtc	tacaaacaag	cgtggaaaac	atacctctca	acaccatgtc	gaacggccgn	120
ncatctatgt	cancagaccg	gcagcgccgt	gagcgangct	tatttantga	ccanccaagg	180
ggccaaaaag	ncnaaaggcc	gcttggatga	ncnagaaggg			220

<210> 3291  
 <211> 302  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(302)  
 <223> n = A,T,C or G

<400> 3291	
gctccattcc	cgagtcgaca
ccattccacg	ctactgccaa
ctctcacttg	gcccttacia
cgaacagata	gtgatggggc
cttgataaa	acatactgna
nt	

<210> 3292  
 <211> 442  
 <212> DNA  
 <213> Fusarium venenatum

<400> 3292	
ccaacgtggt	cacgacagcc
gcggaatcgg	tcagatccct
ttacaacagg	gcattgggtc
gctaagact	gttttatggg
gggtgcctta	tcgttggtac
gatgtcgtht	aatgagttcg
acgcatagcg	gaaaccccag
atatacgccg	atggttacttg

<210> 3293  
 <211> 1014  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(1014)  
 <223> n = A,T,C or G

<400> 3293	
gtaggtacag	tgagtgaagt
ctctcacttg	aatgagttcg
ttctcacttg	agaggggcat
tcaggtcgtc	aactactata
atctctctta	ttcttctata
catcatcact	ctggacaaaac
tcctgtaaaa	caccatcaat
gccccttcct	ttcgtcgnc
tgccctctct	gttcttggtc
tgnaacggat	tattnggggtg



togtcaacca	cacctngaaa	ctccaggttc	ttctgcactt	tacaccaacc	catcagcttc	720
atcgggccggg	tcaacggcct	tcgaatcctc	cttacnaaga	cgtcgctcct	gtaggagctc	780
cagtgtctta	tctacagctg	gttctaccac	cccaattagc	gaaaaggcat	tcggcttgct	840
ccctaacatt	ggccctgagc	gaaaattttt	gaaggtnntg	gcgggtnggc	cactaagggg	900
gtgatgacna	gacatggacc	acaatcaact	caaggctcga	atggccccgan	aaacaacacc	960
catnggacgt	aatcatcacc	ggtccccggg	aggccccaca	cacccttgga	gagg	1014

<210> 3294  
 <211> 603  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(603)  
 <223> n = A,T,C or G

<400> 3294	
cgggtagcac	attcgtctct
tttcattcct	ttttttttct
tatataccgt	ttcttagtat
ttttttcgag	gcctacagtc
gagccccatc	ctaagcgccc
cagtcaggcc	gcaatctatg
cgacatcccg	ttgatgtgtg
tgatattcat	ggtcaacgca
ggccgtggaa	cctncttcgc
atcattccct	tccgagttca
acg	

<310> 3295  
 <311> 290  
 <312> DNA  
 <313> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(290)  
 <223> n = A,T,C or G

<400> 3295	
tacatatgtc	ccaaggagcg
gacatatgat	aacgttttga
catatgcgca	ggacaactag
ttngtctttt	gctcatgaat
gcctgcggct	gaaaaaaacc

<210> 3296  
 <211> 506  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(506)  
 <223> n = A,T,C or G

<400> 3296	
ccgggagaag	tcataccatg
caggccccgac	tgagcctatg

tcgatagggg	tagcgaaggg	ataagaggcc	catgatgaga	tatctatgac	ttgacgcttt	180
cacgattatg	atttggtgtg	ccatgttagg	gacgtacgag	ttgctaactg	agtggcaaat	240
accacatggg	agtctggagc	ttgtccaaca	tttctgaggg	agttgaagtg	ctaatacaggc	300
gacagaccca	acaaaagaca	attgcttgac	cagggtttggc	catggcaagg	atatttatgg	360
ttggtttgcg	tanggggtcaa	agcatatgga	agatgtatag	tacggaaaaa	ggagtcacc	420
aaanggaatn	ttcaaccaac	ctaccggtag	ctgancacct	acttaaatat	tggttgagat	480
atcaaattcc	tgatgaagca	aacgtc				506

<210> 3297

<211> 254

<212> DNA

<213> Fusarium venenatum

<400> 3297

aagaaaataa	aattgcgggt	gttggtgcgc	tcttccatct	cttgatgagg	ttgtgcttcc	60
ggcgcgtgg	ctcaatcgct	cagcgagtga	taactgacca	cgcgatacca	ggacttggcc	120
gactgtgcgt	tggttggtaca	tggttcggga	aggtttcgat	tctgccattg	ttcccgcatg	180
tcttttgatt	atatagaaaa	aagtgtttga	atatgaatta	gtcatccctt	ttgggatggt	240
ttccaaaaaa	aaaa					254

<210> 3298

<211> 149

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(149)

<223> n = A,T,C or G

<400> 3298

ntcaagcatn	taanggtttc	tngaaggcnt	ttgaaaccaa	aataaaaaaga	nccccntgtg	60
ttggnagaat	ttagggcagc	ataaggcttt	ggaaaantca	ncccccttg	gnaaaggtnt	120
tnctggnta	aaatgggaaa	nanaggcgt				149

<210> 3299

<211> 408

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(408)

<223> n = A,T,C or G

<400> 3299

accgcgtgaa	cttaagcata	tcaataagcg	gaggaaaaga	aaccaacagg	gcaatncaag	60
gccagtggcg	gncgtngacg	aaaggctnga	acgagttgag	agcaatggca	acatatatct	120
acacataatc	tancatccat	tntccnaqta	ttcqqqtacc	aacgcctgct	ttgatcttnt	180
tttgcccggt	ctgggtcccc	nggttttatgc	atcagttggg	caatattcgc	catgatttca	240
cttgcgtgaag	aagaaaacgta	agtgacaata	aaagccttgc	tgaacctagc	taggctcnca	300
gtcactggtg	gcttacagct	gatctttgga	gcttacgtna	agtccttttg	caangtacgg	360
agtgtaacgat	gggtnttggc	ntcgcattct	ctgggttggc	ntttgcat		408

<210> 3300

<211> 144

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature  
 <222> (1)...(144)  
 <223> n = A,T,C or G

<400> 3300	
naggtagnct gtcatgccac ttencacagg gcaaaatggn aatctttccg ganganatga	60
gnccagaggg cctagnccctt ttangaaana agnggctccc taattnggaa gtaatgtgct	120
antncttgc aaanctgttt aann	144

<210> 3301  
 <211> 606  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(606)  
 <223> n = A,T,C or G

<400> 3301	
ccgnccttgcc acaatctcaa atgaagtctg cattgaccca ccagggaact tcaccggatg	60
agaccgagat agtaacgacg acaggtgggg taaaagtga cctttacaat gctcagatgc	120
agctatctag catccgaggg tcgatctatc gagagatcaa tccaaacaag ccatcaccaa	180
ctggcaccac gaaatccatc tcgagtctga tagagaagct cgaaagctgg cagaccgagt	240
ttgcaccggc acttgatggg aaatctacac aaacctacga acatcatggn ttaatccgtt	300
tgnatcttgc atactgncac actctcatca tcgtaatcgt cgcatagctt caaatattgg	360
gcatacccca actcatgaac acatcggcct ggcttcaacc atacatcttn catcgagaat	420
tgnatacgcc ctncagttgc attattgagt tgccaaagct tggttcagata agnggaagag	480
attcattggg acctattcac cctcttgagt cttgtgggna tatcataatg natcacaatn	540
tggggttaggg tccaacgntg ttttgtnggg nagggccaat ntagattnag aggtgccatc	600
gncnca	606

<210> 3302  
 <211> 605  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(605)  
 <223> n = A,T,C or G

<400> 3302	
nccaatTTTT ggcgcgcgna cgtacgttcc gaggagctgg aaagcgttga tcaaaagctg	60
ntacagtggg atgaacagat cccgaagag gtaaaagttc gtaactggga caaagggag	120
cacatcacgt caacaccgtc gtataacctc caacggttgc gaatctggac atatctgect	180
tggatcaaaa tgcgaatttg gtttacacgc ctgttcttta tagccgccac aagcattgng	240
ggacaccctg cacaagtcag agcgtggtgt cgacattggc caaagatcta tccctatctc	300
agccattttg aacaacacaa caaacctata cangcgtgtg caggtcttct accatcagtt	360
nattacateda actatcggcc gtggttcttc tegtcttctt tcaagcccca atnccggttc	420
aattgtaatt gccgcganga agttctatat ggnttttggg gcttgggtgaa ggatctnttc	480
cgntaagagt tgggncttac aacgggtgng gcggacaatt aqatcggtta aaagacgtng	540
gcaccccgat ttggattgaa ccttgaggac caatccgaag tcaacaactt natttgggaa	600
tgata	605

<210> 3303  
 <211> 171  
 <212> DNA  
 <213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(171)
<223> n = A,T,C or G

<400> 3303
ntctnctgat gggtaacaac nttgatgagg gcactgtcta ctgaaagaag ggcataaaca      60
ctacaganca gtnacaaant tgganctata ncctctgcct cnataangat gctgtgggta      120
ctgctancga gctctacccc gactaccctg anaaaggnat tccnacctat t      171

<210> 3304
<211> 573
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(573)
<223> n = A,T,C or G

<400> 3304
cttacttttg tgccaccaca aaccttttcc cctcttccat atcataagta cctatcttcg      60
ggggagcaac ctaccgtctt gcgctgtata aacaaccagt atttcttctc tttccacac      120
tcccgccagc catattctgc gtctctacat gcttggtcga tcgcttcgtc tttcaaatat      180
tacaacgaa ttaacgacaa gcatcatttt atcgcttggt acaatctgtc tagtcaaata      240
aactaaacac catggctcga atcaaaccat caacgcgttn gcaaataatt cgtcaaattg      300
gcentctaca tacttgaact ttaacngget gtttacccon ttttnccacc ccccttacc      360
taaaatgcct aaaaaaattt tttgaacccc ccnacctggg tgggccccag ncccaaacct      420
gggccccgcc gaaaaaantg agcgaanccc ttaaaaaaaa tcnaaaagga aacttncctc      480
nctgncccca aaaaaaang aaccaaacct ttgaaccccg nttttcttcc cncceaaaaa      540
gggcccngaa aattccttaa aaaaccaaac cgg      573

<210> 3305
<211> 641
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(641)
<223> n = A,T,C or G

<400> 3305
gaaagcatca actgatcaat gcttgccagc tcttacaagc cccaaacata tgtagacgtg      60
gocgtgcgat tttctctttt gagcgtgcag tgctacaaat atctcttgac acctctctta      120
acgtcagggg ttctctcttg ctcaggtcag acccattctc agggcaagaa gcatcaatcc      180
accaaagaca atattctatg tcgtattgca ttactttccc cacaacactt acagaacgat      240
gagacagcaa tatgaatcga tatcaatgga aaactggccc tctagcaacc gtaggtcacg      300
accttcagct attagttaga aqtatcctqa aatggcctat aagctggagg ctgcgtctat      360
caatataacc tgggcttggt tcgagggctg ggcggttaet atcttcagct gggccttgat      420
cgtactgnct gctctntttc aaggtgggca ttttcgncat angaatgggt atgatctaca      480
cgagccatgc ttggtatcga tgagaagcaa gttaanattt nggcncttac aaaaactccc      540
ggtttccggg aatgnggcca atacctcaac ctggacaagg nggaaatgna ccttactaca      600
ngggaaaagg cgcttnaacg ggtattcgac cccccgnntc a      641

<210> 3306
<211> 541
<212> DNA
<213> Fusarium venenatum

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<220>  
 <221> misc\_feature  
 <222> (1)...(541)  
 <223> n = A,T,C or G

<400> 3306  
 ggacacgatg aaattccata cttgtacctg tttttggatg tgaagcttac tgagatctaa 60  
 tagattttga gtacctccag tccacataat gagccaacag cagtcctcac agtctctttc 120  
 gggagctgat cgcctcaggg ctctcaagga tgacgatgca atattcactg cttttgatac 180  
 atatccatgg accaaggaca aaagcttcat gtcaggcctt tgctccatcc ttggtgaacc 240  
 tggtcagcaa gaccccgag cctctctctc agatatggct atccacgctc gcatattcta 300  
 ttatgcacag cgcattgggtg tcaacatcga ctttggtcct ataaaagctg gttgacaatc 360  
 aaaacaaact accagccccc atatgtcttg ccagaggaat accgcaacgt acagangcca 420  
 atggcaccta agcttaagcc ttgactgcag aaggctgacc aaagntgacc ttatnngccg 480  
 aaagccgtga agttattact agaagacagc taatatccat gggttgccaa tgacaacttc 540  
 a 541

<210> 3307  
 <211> 957  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(957)  
 <223> n = A,T,C or G

<400> 3307  
 gtcgaagtct tccaagagct ctaggagggtc taagaagatg ccgaagcatg ttgcctatgg 60  
 tagtattgat gaggacctgc gacccattta ccccccttca acagcgacga gaacgacaac 120  
 gtataatcag cacagccaga atggtagcga ctcaactaat tatacggcgc accgtatttc 180  
 gctagatgta cccatgcaag ctgcgcttcg attgaccgtg cccggncctc gtacgatcga 240  
 atgagggcct cgatggaccg tgcagaccc agcttcgagg ctacgaatga cttcacatca 300  
 gcagcgcggc tatcacgaat cgagtcgagt caatcacagg cagggacgct tccatcctcg 360  
 cctcagaggg ctttccactga ccaagagtgc caacatataa gagatggatg atgattcaca 420  
 caactacttg gtccttctcg tatactcttc aaccatggct gatgacacgg atctcctttt 480  
 cagttttctga gctttgtttc tcttcgcctt ttattgcttt tgatatccca ggccttttacg 540  
 gggccagtga tgcacgtacg atctgcatga gcgatctgtc agctgctccc cccggtcttt 600  
 gtccgtttgt tcatgcgctg aagcacgcaa cgaaggcaac gaggtcgaaa ttagttcttt 660  
 tttcttgatc ctcccacgct ttacgctggg aggtttgctt tacatacgca gggcggtata 720  
 aaggggaaac gcaaaaangag ggttttgctt ttttttgtat gaaactgttt tttgggtggc 780  
 ttccagtact nactctttt agtcnttatt tcctccgccc aaaaattttt tttccacctt 840  
 tttccttttt tttttagcan tctttagaac tnggagaagc ngggnaaaca tttccttgac 900  
 gaaaaattat tttattattg cntggaaagg ngttgaaaaa gggaaaaaaa acggggcc 957

<210> 3308  
 <211> 174  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(174)  
 <223> n = A,T,C or G

<400> 3308  
 nacntgttt naccaagtna acggggacgg gagccccgtt nagtctttgn ttttatccag 60  
 atntcttcac tatcntttat aagcgacggc gtcacacttt aagtcacga actcggcagc 120  
 gttcattaga nttagtgcg ccgtacaaa ctttngtggg ccgtcgttcc tatt 174

<210> 3309  
 <211> 628  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(628)  
 <223> n = A,T,C or G

<400> 3309  
 aatggctcca ggatgcccc aaggtaaaa cgcattgcac tcacgaggac gaaatagagt 60  
 ctcgatcaga gtctgagtat ggcgacgaca ttaactctgg ctccagaatca gaagcagaag 120  
 cagaacccat gtttttgaag cttttcaaga gcttgagaca tgagccagtg acaaatgcaa 180  
 gtgggtgtga agaagaagag cacagcagca ggggcagcgg cgatgtgaac gatgacaaag 240  
 ccaatcaacg gacaagtctc cgcacacaag ttgagcaca cttgaaaca actggagatt 300  
 ggactataaa agccgatact agcgcagtta ccccccactac aacaccgaca atgacgccta 360  
 cggattttga tctccgagag ggaaaaactc gaattagggt cccagaccgt cggcagccgc 420  
 agcagattgc atcaataagc atgcctgtgc cgcagatggg tactgnttat tgatggacat 480  
 ggccaagctt cactgcgcac caatcagagt cctaattctt ctcatgcggt tgaagagcct 540  
 tnnttgacag gagtcaagtc cgtgggnttc aaggcanggn acccttangg ctgggctttg 600  
 gtccgttttg gggggtccat tcaattnn 628

<210> 3310  
 <211> 552  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(552)  
 <223> n = A,T,C or G

<400> 3310  
 nattgtgatg cagcnacatg gcgctttggg agtcggtnat tgaccacett cgtttggggc 60  
 cttnatnatt cttntctntt ggtggagntc tgnattccnt tnggatgggt cttttngggg 120  
 attcantgtt gataagtaag tcttgccaag gttagacctt tattaagaag gaccattngt 180  
 gggcttgtaa ggtggtgtcc cggcgggaaa agaacgaagg ttcttgctta cgacaaantt 240  
 tggntttaaa aggctttntg gaatgaagga aaattttcca attggacnac cccaacgaac 300  
 caanaagggg ngcaagtcaa cgtcccccgt tttctanctt cgatgtcccc ttaacctggc 360  
 cacaacgggn aanaagcttt tcttgccaca ttttattttt gattancgca cccatacat 420  
 aattaactac cttttggggg actntnaaac cacataactt agatttccgt aaaatgccgn 480  
 naaaacacta cacaggccgc natataantt cttttttacc ccttttcca anttacaagg 540  
 gaaacnacac tt 552

<210> 3311  
 <211> 328  
 <212> DNA  
 <213> Fusarium venenatum

<400> 3311  
 cgaagaactt ttgaactcgg gtcactttgc gaaagtacct ttactcattg gttcgacaag 60  
 aaatgaagga acatccctat tacagcaaat gttgggggat acggggcgcat ttgacactga 120  
 ggagcacttg agatcgttta tccagacttc ttggtcaaga ggccaatta atgctacagt 180  
 cgcaccaaat tgggcacaat tgtacgtcca agaaattgag aaccccttga cagcaggtcc 240  
 aggtaccgtg aaggtaaatc ccggtccaga gtacggtagc tattatgggc cggcaacttt 300  
 ggtggctggg cgattttgat attcactg 328

<210> 3312  
 <211> 538

<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(538)  
<223> n = A,T,C or G

<400> 3312  
ntcagtaact atgtcgggtg aagtntttac ggacgtgggtg gggtngcact ttcaacccaaa 60  
agaaccccgga ttntgtgacc ggcgaaggcc gtcccacttg cantggttgg aagcatggng 120  
atggccatan catgcaagtc gtggaagggtg cttgcaattt ttggaaaacg tanggccnc 180  
ttctaccgag agnaaaggac caggacatta ttccaaaaat tggcgatccg accgaancca 240  
aaacggccga gantaccatt ctggccggggg aggcgcttgg catgcttaag gtcggaaccc 300  
anagaggaat ccgaaangaa aaaaaccctt ggccaaaatt ctgtgglnly gctgacaagc 360  
ttaagtcacac tttttggtag aagaagtana acctngatcc gaactganga aaacaaattt 420  
ggatgccact gaggaggaat gtattttgtt tgattccagc anggcggtgt gatttnggtt 480  
tttcaaaaat ncccaactnt ntcgttattc tttgcaaata atagatgggt tttntttg 538

<210> 3313  
<211> 633  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(633)  
<223> n = A,T,C or G

<400> 3313  
gogcatgtcg caatcgcgca ccgctctcga tgacagtga tactctacaa ggttcaatcg 60  
actcaatggt gccatcaaca acctctcttt caacattcgt aaagattggc ggtgtgtgcc 120  
ccagtggcct gacaagtatg ttagcgcaga ggcactcaag accggaaagg ctgagatgac 180  
ggctgtcgga cgagcagtaa tctcacgggt gttaatggag gaggtgttca acaagtgcct 240  
tcatccgggt ctggacacgc actaagtcag tcgctcaaag agattgagct tggcattcga 300  
acaactcata caccctgcta gccaggaaga atttgatgca ttgacnagca aaatcgtgag 360  
ctggcgaatg acgttctttg acggttttna ttgtaaatta acttgcccaa aagcgattga 420  
naaccgtaaa agtttttttg ccaaaanaac aattaatttg acggttgtt ttaccaattt 480  
tttaaannaa ccacaccgc ccgggggngg acgggaccca ttnaataatc cnggggacnt 540  
tggttggggc atttgnaant taacctttcc cttaaaaagg gcggaanggg gttntttttt 600  
tandccctgc cttggaaaaa ttngnccccc ctt 633

<210> 3314  
<211> 205  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(205)  
<223> n = A,T,C or G

<400> 3314  
nencgctttc ctteaganct ctnaaggcng gnggggtggc nccctatgg ttgntggata 60  
tjatgggggt tgcgtggtgc gcaagggtgc ctgctgggta tgggggtttt aattgactgt 120  
ctnggagcat gtaccatgat cttagccgag angccgttta ccccaacccc ctccaattct 180  
atataataaa acttttttgn ctttt 205

<210> 3315  
<211> 612

<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(612)  
<223> n = A,T,C or G

<400> 3315  
gtgaatatcc aacttcgaat tcaccattct ttcacttccg tgaaagacta tattccactt 60  
cttctctctc gtttcgtgtt tctcacatac gcttcttttt gtggaagctt ataatctgtc 120  
ctgtttgtaa aggacagata tagctaccta gcttagtagc taccatggcg ctcactcgca 180  
agagcgctcg ttgctcggtt ttctgtcttg ctcttcttgt cggctctgta tacgccggcc 240  
atggccatga tcaccaccat gcagaggcta ttgccggtgt caacaccgat aacatgagcc 300  
tcgacgaact tgatactcaa ctccagactt gcttattgcc agcagctcaa ctcaccaagc 360  
atgcccatac tggcgccgat ctctgctgtt accgnaagtg ccttcgctgn ccttttccca 420  
agtcttctgc cgcaacgctn tcttgcgacc ttacatctn ggcccttcca acttctcttg 480  
gcctttggcc gacaacattg acctgnttct ctatcngnat ggtgnattgc tgggtggaggc 540  
ttnnccggga acttngtcat tggntcttga attttgtggn gaaaacntta cccggttnca 600  
agtttggtc tt 612

<210> 3316  
<211> 520  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(520)  
<223> n = A,T,C or G

<400> 3316  
ggtctaactt gagtgtcttc tccacaaaaa cttcaagctt ccatcccatc cattacaatt 60  
aactgagctc atggcttaaa tgcagctttg tcatcatcag aaacaattca ttgttcaatc 120  
gaccgaaata caaccttaca aaccccgctc atcataaacc caatatctcg aataacgcgc 180  
tgtatacccg aacaaaactt taataaacatt caatacccct cgactcccgc tcccctgaca 240  
cgtctagctt cagcatcatg cgacacacat gatataaccc acaatgtggt taccgacgcc 300  
gtcgtcgaga gcataacacg gccacgggta gctgtggccg tagtctctgc agtggctgcg 360  
ctctcagcag gatactatgc ataccaaagt ccgatcgcag agctttngaa acactggcag 420  
gtggtggtct gcataggagc aatgcnnatc gacgtcacna cgganccgcg aaacnaggat 480  
ggatcaaagt tatcggtcga acttgcagtg atgaaaaatg 520

<210> 3317  
<211> 124  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(124)  
<223> n = A,T,C or G

<400> 3317  
naaaacgaaa gtgnttttggg gcggggggaat cantttgaaa ggtttttcca anaaaaaaac 60  
ccttatngaa atgttgggac nttaaccctt ggattttcgt caaanadaag gaattttttt 120  
cttg 124

<210> 3318  
<211> 591  
<212> DNA



<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(591)

<223> n = A,T,C or G

<400> 3318

ctggaagcca	atcggttttg	ttccacactg	tcctcgatgc	tcggctttca	tcgtcacttc	60
agactgatgt	tctcgcggt	ggcgtgggtg	agaatctcat	ggtgcgaata	aagcccgta	120
aacggacaac	ctgatacctg	gcatcaaata	cggggccagg	ctcatgggg	acaaangaag	180
catcgagac	gtcacagcag	tatctgtcat	agagtatgat	gaggtaccag	gcgttggtgt	240
cnggagancc	aatggagata	tccagatact	atctggcaag	gataacttta	catctgtttc	300
acgacaactg	aaggggaacag	atgggtcact	aagagatagt	ctttctgaca	tgaagaagtc	360
gcggggccaa	acttcagtct	catccttgca	gtggcaacca	gaagcgaatc	gtctcgcaag	420
cggaaaange	tetacctca	tgtctacga	tctctcgga	tcggacgacc	aggattgact	480
cccatagagt	ctacgacttc	tcaaagacaa	tcccgatgat	gaagcatcgt	tcctacnaac	540
accaaattca	tgancaana	ttcttgcttg	cgcttgggtg	caacanaaac	c	591

<210> 3319

<211> 182

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(182)

<223> n = A,T,C or G

<400> 3319

naaaactccc	ggnaacttta	ccccgggggg	gcatttttgg	ggaanaaaac	tgggcccana	60
anacccccca	anttggccag	ggggccccgg	ttcctttttt	gggggaaaaa	agggtttttt	120
ttcccccccc	caaaatannt	tcaaaaaccc	cctttacctg	tgttttgggg	gaaataaaat	180
tt						182

<210> 3320

<211> 668

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(668)

<223> n = A,T,C or G

<400> 3320

aatcaaacta	ttctaacatt	ccatcaattt	gaatccgtgc	aaccattttt	cccttcgtcc	60
ttccaacat	aagcaatact	acatcacgtc	tagtcgaccc	aaccatcaaa	taacagatac	120
cttcaacttc	cctcaataac	aacatcaaca	tgcccgctcg	cgttcccaga	cttctgctg	180
caaagccctc	agagatcttc	tgcattgggtg	cggccgggtg	tggtgttttg	acacctttgt	240
acctcgctcat	gcctggcgcc	gaggaacgcc	tatctaacca	gaccaacaag	tgggtccac	300
gatgggagag	gaatctcagc	tacttcatcc	ctcccatgga	gaagggtgtt	cagcgcacgc	360
agcctccggg	atccaagatg	gtccagcgtg	ttgaggaccg	cctccccctt	gagaagatgg	420
caaagtccgt	tgataagggt	atccgaagtg	gcacgcgccg	attcaatggc	gagaacaagc	480
cataagaaca	tatttctact	gtcaatttcg	tcattgctgt	ggcttttgacc	atgacctgc	540
caacaactta	ctgctaggca	tgcgtctttc	ttttgtaaat	atcatagcat	acctgggta	600
cggatagata	acttattgtc	gcacgggncc	atatatggat	ggaatgaatt	tttatttctt	660
ttccttgg						668

<210> 3321

<211> 558  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1) ... (558)  
 <223> n = A,T,C or G

<400> 3321  
 gaattttttt tttttttttt tggccgangg ggaangtnat ttttgggatc ataggancca 60  
 aaagcctttt tgggatctaa catgaatgac gatgcaaaat aactttgatg tccaagataa 120  
 ccaaaatctg ggccaagtct tcattcccat gactttatcc acatcaattg cgcttgactt 180  
 ctaaacattg tcgcttatgt atattcaatc attccacccg ccttctgtag atagggaatc 240  
 cttacacccc ttgaaccccc gnggtgcctt ttttagtcaa ngaggatggg tgnccgatatt 300  
 ttuaaaactea ttttttggty gaattgaata acctgatctn ggcattaaat tgagaagtaa 360  
 aancttggtc gnggcngggc tgtaccaccc ngagaacccg catagggagg atcctttgtc 420  
 gntgaccgtg aaaaggggct aatgtttngg caaaaccttt nggcttgggc ntancaccac 480  
 gttacggggg aagttaaggg gaggttnanc tgagggttaat gacggcattg ggttcactaa 540  
 gcaaaatttt gtggatcc 558

<210> 3322  
 <211> 189  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1) ... (189)  
 <223> n = A,T,C or G

<400> 3322  
 ncttcataac aagggggccaa ggggggaatt gntaacccca aaatccaaga aaaaaaagtt 60  
 gggcnaaggg ggggnggaat tcccaactnt tgangggatt ttttttnggg tgggggatta 120  
 atgantttnc caaatntttt tnagggttaa taaaaaanat tttcattttg gantccccng 180  
 gggggaagg 189

<210> 3323  
 <211> 238  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1) ... (238)  
 <223> n = A,T,C or G

<400> 3323  
 ntggacaaga aggcaccctt ttccaaaatg ggaaggcgta accaacttgc caagganaag 60  
 gtagcttctg tggngtnttc aactttnaacc agganaagct tgacnaatat taaggnettg 120  
 gggtanccccc cncattaacc aaaatgagcg gtancctttg ttttcttaaa ccnaactttt 180  
 ttaaagtncc tccagganaa aggggntcct ttttactgcc taattccgnt ttngggaa 238

<210> 3324  
 <211> 520  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature

<222> (1)...(522)

<223> n = A,T,C or G

<400> 3324

gtgcttcttg	gcatgatcc	ctgtccagct	gggtatggag	actcgaatta	ggttctgatg	60
cgacgtcatt	tgcaggccag	ccatagacga	ctgtcggttg	cctcctatct	cccttgatca	120
tcatgaacct	tgaaggagg	gacccagttc	aagatggaga	acatcccaat	agacgcaata	180
ccaagagccg	ctgaaatgtc	gtcgttgtag	catgattcgt	ctactttaac	gcggacacgc	240
cgatacttca	agatggattg	tcacagaatg	tcttgctgca	ctacgacaac	cgggtccgct	300
actgcagtgc	agatagagtg	tggccagtta	gtatcgctcc	cgatggtttc	gtcaaagtgc	360
ngatcgatgc	gtatagctgg	tacgcatttt	aattggtttg	caggtttcaa	aatcatctgc	420
gggttcaacg	acacaaatgc	agtactgggt	ggatgatcgat	togatgctna	cttcaaaacc	480
catatttgca	acaaatcggt	tgcacgatg	aattggatt	cg		522

<210> 3325

<211> 132

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(132)

<223> n = A,T,C or G

<400> 3325

ntaaanctta	aacnaaacia	attgtttttg	ggagnatttt	ggcccncccc	gaattttttt	60
tttttttaaa	cccaaanaag	aagggttttn	ggcttaaaaa	aaaaaggnet	tgggcaaagg	120
ggnttttttt	tt					132

<210> 3326

<211> 103

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(103)

<223> n = A,T,C or G

<400> 3326

nactantggg	tagcatcaat	actgtggngc	tcattgattac	netacctana	cgggttnacc	60
ntectncaat	gacactcctg	gatgatcann	ctttcgcccta	ata		103

<210> 3327

<211> 295

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(295)

<223> n = A,T,C or G

<400> 3327

gattngccat	tgaagaaaag	aaaggaaatt	atncaacaga	gcagcttgag	ccentnaaac	60
togacaacat	ntcttcaacg	cctcantggt	agtagcaact	tnaacagctt	naacacttca	120
naggcgtctt	tgaactctca	tcaaccccaa	cgggtgtcga	ccctcccccac	ttgtgctgcc	180
cngagaaatg	cacttgncaa	cttgccgacg	tcagttcaac	angagttacg	cgcgggcacg	240
ccgtttatta	gtacctnccg	tengggagaa	ccccattact	cngcatgtct	ttttg	295

<210> 3328  
 <211> 134  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(134)  
 <223> n = A,T,C or G

<400> 3328  
 ntgaaagnaa tgttacnca ggggaccena aaagancggt tanttgagga natchaggac 60  
 natngggcta aacctgggtc tntaccgaac attgcggang cntgatgang cttgggcaag 120  
 gcntgttttt gaaa 134

<210> 3329  
 <211> 122  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(122)  
 <223> n = A,T,C or G

<400> 3329  
 nacattctgg gncngtttta tctgggtccct ttnanccagc tanaaaaaact ttatttttacg 60  
 ggatttcntg gccaaagccct taaaaancca aacttggccc aaaatcccac aataacaaat 120  
 ac 122

<210> 3330  
 <211> 591  
 <212> DNA  
 <213> *Fusarium venenatum*

<400> 3330  
 cgcggccacg gctacatata ggagattata ttttttatct ggcggtctgc acgttgacaa 60  
 tcaggcggtt gcagtatcaa caacttatat ctctcggttc cactgactctg aaccagaacc 120  
 ccacaaacct cactcttgta acattcctgt agccatattt ctacttcact ttaccagtga 180  
 acagtctggg atatagcttg cattgatcct aatgccaagg caggaataac aacattacag 240  
 tggaccggga atcatgtgct accagaacgat tcatacgcca aaacctgggt ggtcaagacg 300  
 atacagatgc ccagagagtc aattttctga gtcttgacgt ggtttcacag ttcaatgatc 360  
 aaccaagccg caaccatct atcaagtaat ctacagagaa gaacaggtrg agtctgtttg 420  
 ttagcaagtc ggattggcca gccgcaagtt aatcaagcac acaatatgat acatctctgt 480  
 ctacaggcac ggtctctcaa agccaagcgg ggagcatcgt taaagatgcg ggaatttatc 540  
 ttctgtccaa agttatcaag aacattggga cttttgatcc atccattatc g 591

<210> 3331  
 <211> 104  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(104)  
 <223> n = A,T,C or G

<400> 3331  
 ngccanateg gtnacactat ggangtccag aaaggcttgg aagtcctcga cggtgctgtc 60  
 tganccagg gcgctgaagg tggngggcca aaccagacaa ttac 104

<210> 3332  
 <211> 154  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(154)  
 <223> n = A,T,C or G

<400> 3332  
 ctgagtaaga ttcaaaaacc tatgcacgat agccaaagga aacggccggt aattaggaga 60  
 aggttggatt agcgattggg gaggcagggt gctttgtata tacttgaagc aagcgataga 120  
 taactgtatc ttatgacttt taactgtttt tgtn 154

<210> 3333  
 <211> 316  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(316)  
 <223> n = A,T,C or G

<400> 3333  
 caaacacatct accacaacgg ccgtctgata tcggatgata cgcaaacaat ggagcagcta 60  
 cagattgccg atggggagat gttggccctg catgttcgag atatgagagg cagcaccggt 120  
 gtaccggaac aagctcgacg cctcaaccg aggagacagg ccagaaacga acaggatcct 180  
 gaactcattc gntccagat ccttggtcag cctgctnttg aggcagcagc ttnagtccca 240  
 acaccccagag ctgggtttcg gaagttgatg atcccgcgccg gtttgcaaan atntttcttt 300  
 gacagccana attagg 316

<210> 3334  
 <211> 372  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(372)  
 <223> n = A,T,C or G

<400> 3334  
 ctaagctgat ggtcgtttgg gaagtcaagc cgagcgaatg actgctaaag ctttcaaaga 60  
 tgttggcgct ttgagtgggg gttagtctcag cccgttgtct acttgagtga gacaactcca 120  
 tcagcaagct cgcgatacag tcaaatgctt cgactgccag cttgqatcgc atttatagca 180  
 agatcacgta ttctatctcc tcagaatctt tattattatt qattqatctc tcaacccccg 240  
 taaatgaag aacttggtag acgctnttgc gacagaccct caggtegatt gnganaccct 300  
 tgtttgctta angggactaa cccaagccct ttntttttac aacattgact tggnttgncc 360  
 tggaccacaa tc 372

<210> 3335  
 <211> 347  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature

<222> (1)...(347)

<223> n = A,T,C or G

<400> 3335

cggataagga	tgctttgcct	acacatctcg	ctgagctcat	cgacatacac	aaagcatttg	60
tcaagactat	catgatccaa	cttgcccata	acggaaagaa	ctctcctatc	gacattcgcg	120
cgctcgctcc	ccacatctca	cagtcctggg	ggaaacgcca	ggtcactatc	gaggacattc	180
gtcgctgtat	cgccattcaa	agttcagcca	agtcaatgct	cattcgccat	tcatgattac	240
agactatggg	cggggaaaga	nctgcgtaaa	cgctntnttg	ccgatatggc	cctatcaacg	300
aaaaacggtt	tttgggggag	tttggcntta	acctacaaac	attgggc		347

<210> 3336

<211> 287

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(287)

<223> n = A,T,C or G

<400> 3336

cttcaaccaa	cccagcaggc	agagtaatac	agccatcacc	atgtcaaacg	ctcagctttt	60
actacatata	gcttaatccg	ctgggcaact	gacctggcaa	ttcacgatat	gacaagctga	120
gcttggtata	aaagataaaa	aagatttagc	ttcttatatt	ggggtattgg	ngaggtcata	180
attcgggcgg	ataaanaaac	caantgctgt	aacgttganc	tttnaaaaat	ggccttngnt	240
tgaattattt	tnctggtng	ggggcntggc	ccttggtttt	aaggccc		287

<210> 3337

<211> 278

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(278)

<223> n = A,T,C or G

<400> 3337

ctttaacggc	ctccaccaac	tcttccatgc	caccgaccga	tggtgggcca	ctcatgccct	60
ctggtggcat	tggccatcgg	gggagagggc	tgacataaan	aacaagctac	ttctgngtcc	120
tcataccgga	gactgnggag	ccccaagggc	aggtttatga	atggcanggg	tcggagtaca	180
aaaggngttt	ggnaatatatt	tggaaaaagt	aaccggtnaa	ctttttgggc	cctttttttt	240
ttatatattt	ccaccatggt	gtcgtaataa	gcgaaaag			278

<210> 3338

<211> 316

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(316)

<223> n = A,T,C or G

<400> 3338

nttaaggaca	tccggttttt	tttcgacctt	ttcttgagna	gttttttaaag	gccgggcaac	60
cttattaccc	aagnaataaaa	agtnctgntc	cgatgctttt	ttaaggnttn	tttttgccct	120
tgccaagcgc	gccagtgaac	ttgtcgaaac	catttcgtga	tcaananaaa	gaccccgctc	180
ggaccccttn	aagtcgaggg	aggacctccc	ccaggctggg	aatgaggtgc	atntttccag	240

gaatgatgtt catgcttccn aanggccna tgggaaagaa ccattctntg gnaaaatggt 300  
cgtcgtttgc aaaagg 316

<210> 3339  
<211> 176  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(176)  
<223> n = A,T,C or G

<400> 3339  
ntgacclngg agcatgagat ccaganttgg tgtccagage tttcnagntt gganaaatatt 60  
ttcnaaaactt attgaggggg cnggtcanta acnattgggt aacganogag tccgggggtt 120  
cclngggggtt tcnttcnacc ctttttncct tgggttttga aacggggggt ttcnnc 176

<210> 3340  
<211> 593  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(593)  
<223> n = A,T,C or G

<400> 3340  
tggtaacct gataaacagc cacttctaca acaccagtc aggtcttgaa cgataaacct 60  
aatctcgagag caaaacaaca catcatggcg cctgctctac actcagatac gtacggcgct 120  
gctgtogaat acgcagccaa aagaaagcat caatgattta acaacacgcg atctccagaa 180  
atccaaaacca cacacagcaa gtcacttttg gcatcatttg tgtttatgtc gttgttattg 240  
ctattctatg gaacgttcc tttgtccgca tggctctctg gccattcaag atgttggtca 300  
ttgccttcca cgaatttttg ccacgccatc accgttcttc tcaactggaag ccgcgtcaag 360  
tctatcagtc ttgatcccaa cgaaagcggc gtaactcacc acattggttg cgcaaacgct 420  
attgtttctac cagctggcta tctaggtccc tccatcatcg gcgcctgct catcttttgc 480  
ggcttcaaca tggctggcag caaaataacc agcattgttc ttggcgtctg tttcctcccg 540  
actctctggt ggggaaanog tgattggtca ncactctcac tgttctcttg gct 593

<210> 3341  
<211> 504  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(504)  
<223> n = A,T,C or G

<400> 3341  
attctcttac gacctaaaat actgtttcgc tttgaatccc attgaccaa caaagtattg 60  
ttaattaaat cctctctttt gatttgcatt gctacgccat ccccaatcta atacaatata 120  
tacgagatc cgagccgac gttaccacc tccggtgcat atcaattcaa caatgcctt 180  
atatacgat ntacaaccat catccctaca ctacccgacac aacacaaactt ggtacgcaca 240  
catgctgtta taaagtctgt gttcccttgg aggnttgggt ttttnttttg cccaaagtgt 300  
tgccttgntt ttcccccant tttnaaaagg nttggaaagg gcnaaaattn tttnccttta 360  
aaaaaacggc cgggcgggnt tgcnaaaacc cccaaanntt tttgggaaaa gnyggncaaa 420  
ataaaaaatt tgggcctttt aanggggggt tttttncna aaaaaatttt ttnaaaangg 480  
aatntttttt ttttttnggg cccq 504

<210> 3342  
 <211> 384  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(384)  
 <223> n = A,T,C or G

<400> 3342  
 nctngttcta ttctccaacc ttattagccc aaaccttaca acagatcctg aactacctac 60  
 gagacatntt catgatccag tcagaaattc gacttcgaca cgccaatttg ttgtcggctt 120  
 tcaccagcgc gatcccgccg caaaagacgc aattccactg tgccgagccg tcgctttgac 180  
 ttgatttcgt gtc aaagacgc ccggccctna atgctgggct ggcatcctga acgcacangt 240  
 atctttttctt tgatggggac atacaagctg gatcatatnc cctnagcct ttactngagc 300  
 ctcttcagcc tattttttng agtactggta ncacaagctg caaggggcaa ggaaggctgg 360  
 ggcgantnaa ccgantacca agtt 384

<210> 3343  
 <211> 352  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(352)  
 <223> n = A,T,C or G

<400> 3343  
 ctccaacctc tttatatctg atctttacct ggggtttatt tatcactggt gcctcgccctg 60  
 gctgcgttgc gctgtagact cttatacatc acccaggatc tggacactcc accgttttag 120  
 tccgaggctc ccgaatcgcc tagctctcat tcctcctacc gacgacatct gaacttatcc 180  
 gcgacaccac actcgagggt tccgacgtca caaacactt tacgatgcct ncttctnctt 240  
 ctctggccct tcggcaccgg ctggnngnat ggcggnctt cttctcggtt cttcttcccc 300  
 agganggctt ctggacgtca tangaggaca ggtaaanggg ggctnttttt aa 352

<210> 3344  
 <211> 571  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(571)  
 <223> n = A,T,C or G

<400> 3344  
 ctttcagtcg gctgaaaaac ctaccaggca aggtcgttcc tggacattta tglcacttga 60  
 cgtccaggca ttgacgcgct caaataaagc aaaaagaaag aacagaattg tgctgggtatc 120  
 atgctgcaca atgctctctg actcctgcac ctgcatcgtc aatctcgtat aacaagcagc 180  
 agaagcgata gctcgaggta ctgacaagtg cactctactt aggggggggc tcaagagctt 240  
 cttgagtaga ggctacctat tccggaccca gcattcagca acatcgaacg agaacggacc 300  
 cgaactgatg ttttttgggt tcggcagggt aggtatgaac cagcacatca ttagtgggag 360  
 atatntcaaa aagatatttg atcgnattat naapaactta ctttcaactag ctcggaatac 420  
 aatctttacg tgagcaaaac tgttaccaaa cgctgggtac aatgcgcttn nggtacatgc 480  
 agcacatggc tatggattgn caccoganct tttcgcttca tgaatataac aagntgngac 540  
 caacctntta nctgcgctnt tcttnaaaca a 571



<210> 3345  
 <211> 144  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(144)  
 <223> n = A,T,C or G

<400> 3345  
 nttacanggt gcatgagctg tgcgnccttg gganancctg ctgcttgcat gctctcaata 60  
 gacactgggg agaggncggt catnatggct ctagcatgcn ttaaaaggcc ccaatncggc 120  
 ctataatgng gtnggattac aact 144

<210> 3346  
 <211> 335  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(335)  
 <223> n = A,T,C or G

<400> 3346  
 cggtcgggca atgcgcacaa ggactcttat tcatacaaac cccaagggtt acaaaccagt 60  
 tattcggaag agtgtgatag ctcaactctg cctgtttggg agaaacacta cgagcctaag 120  
 tccgaatcac caaagactga ggtgcccaac gcttcttcat acacgatact tgctttcgat 180  
 ccggtttcca agatgatgaa cgtggcgaaa ctaagtnaaa cgttgcgaca acaaacccca 240  
 atgtccttct gngggcttnt cnttttataa aaccagccca agtcttccat tcgttacatc 300  
 gtcggnaaac gaggggttga ggnggtttta ggggg 335

<210> 3347  
 <211> 103  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(103)  
 <223> n = A,T,C or G

<400> 3347  
 nncctggcgt gtgcactntg tcgagctatg cattgatgca ttagtcaacg acaccaacac 60  
 agaggaaaag ccgaantaac ctgatcgcca gatggggggt tca 103

<210> 3348  
 <211> 244  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(244)  
 <223> n = A,T,C or G

<400> 3348  
 ctctcccgcc ctctgccttc ccttagcctt cctctgtctc tctcctctct tccgttctat 60  
 tcttgttttg ctttgccatg ctctntgtat ctctgtctat accttgacca acctttaaaa 120

ccctctctcg	cccctgagag	aaacgccttg	gtcctttgaa	cttgtcaatc	ggaatcttaa	180
aagactncaa	tacaccacaa	tcgccatgtc	ccgtaagaga	aagcaagacg	aaaaggggga	240
gctc						244

<210> 3349  
 <211> 193  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(193)  
 <223> n = A,T,C or G

<400> 3349						
nqnccttgaga	actggntggg	ntctargncc	ntaacacccn	cganattgga	agcactttga	60
cttntcgctg	cttanatcac	tngccaaatg	ttacacccgg	ancttgtgca	tccttgacat	120
tqngggaaag	tgtnaccaaa	cttttgccat	ngtttttaga	acggactntg	tttatnacat	180
gatnccaca	ant					193

<210> 3350  
 <211> 373  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(373)  
 <223> n = A,T,C or G

<400> 3350						
ntngaggagc	accccggggg	gggcaggcca	tcctgaaatt	atggggccggg	accgaccgag	60
gagtttgana	tgttgcacga	cacnagggtc	tcccaagtac	gcgccccaac	aggtcatcgg	120
gcgggtnaag	ggccangang	gtactntnga	gccttaaang	ntatgtggag	aaacttgatg	180
taacgacggg	gacgcngnaa	aaaaaaaaa	aaagccgcac	gaactttttg	naggtttggg	240
tttttgngcg	aataaacatc	atggggccga	aaaaggnttt	ttggnaattt	aagcgttang	300
aacttttttt	ggattggatt	ganaggcggg	atgcattgca	acttnggggtg	naaactaagt	360
tatncaattc	ccc					373

<210> 3351  
 <211> 641  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(641)  
 <223> n = A,T,C or G

<400> 3351						
conacttctt	ctcatgacaa	gctttacttg	tcacaaaaat	acctggaggg	ctagggtctt	60
gaaggcattt	gcaacgatgc	tacttgcttc	gogatectga	acaccgacag	ggaaatgctg	120
atatcaaaaa	tcagatccag	gatgacctat	gcacgacggg	tcacaaaaat	tcagaaatgg	180
tgtgtgtctc	tggcatttcg	acggccgata	ctgtacacac	gatagggtcg	aaaggcaact	240
tgtttgcagg	tgggtggggg	tctacaggga	tacgggaggt	tgggtgtttt	ggtaacgggt	300
acgcatttgt	ttgcgagctg	gcaatatcgt	gngctgtctt	gttgcttgta	caangqactt	360
gacactagtc	tttcgacttc	ccgggtgtct	aaccgggnct	gtactgtcac	acccaaggca	420
cgatgcttna	cgccatacca	agtcttcacc	gcnlacctna	tcacnaactg	gcacccagtt	480
cncccgggga	ttcttgacct	gcnacggttt	ctnattaatg	aatttttctt	cgtttggttg	540
notttgagca	aangaattat	aattntgctt	tcgggggtag	atngcaaaa	ttttattttt	600

tttttgacgg ttancncttt tccgtcattn accgnttta a

641

<210> 3352

<211> 135

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(135)

<223> n = A,T,C or G

<400> 3352

gtgaatcccg atgacntgnt gcagggctgc agccgaatgc ngagtctcng agttcaaagt	60
ngccatcaac ccaagtcagn gagacctgcn tgccgcggaa ggttgacaag atattatcaa	120
gatctggggc cccct	135

<210> 3353

<211> 523

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(523)

<223> n = A,T,C or G

<400> 3353

cccgaagttc ttaatacggg atccaagtca tggcaataat tctacgatcc atgccccagg	60
aaotttcaag taactgctta aagattgcat aaatcaatca aacaaacctt gcctcggtag	120
gttaaccttc aatacacttg atttgcagat ccagaacctt ccttctcgtc ttgttcttac	180
aagaacagcg ggggacacca ctacgaccga aacgcaaacc acatcttctg ttctcacgtg	240
caacagtoga agcactagac ctttatagat aggccttgcaa ctgaagctca cgaaacgacc	300
ttgttcaata ctacagacaa ggcggncaga ngaaactcac aactatagta tggacgaaag	360
tgaaatcgct tggacagctg tctctacgc agcaagaggg cctcaaccag ttctcaagt	420
caccgnatca agaagtcaac gaagccatcc cacttntgag ggggcggagt ggacgtcaga	480
tgcgaatcgc taagtntttg acgggaaaca agccgntcaa tag	523

<210> 3354

<211> 152

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(152)

<223> n = A,T,C or G

<400> 3354

ngcctttatc taattttctgt gcantcttgn caccangatn tctgtccttg actacttenc	60
atgggctttn gtcacacctc gtncttgaan tgncaacgt gccgancacc acaancacgt	120
ggcganaccc abaagatggt gtngnccggc tt	152

<210> 3355

<211> 245

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(245)

<223> n = A,T,C or G

<400> 3355

atattattcaa	ttcaatatgt	cgcactctca	cgatggacaa	actcattccc	atgatgggtt	60
caatgcgcag	gacatggcca	ctccatgaga	tccttgatgg	acctggtagc	tttctangtc	120
gcgagatgcc	atcgtttang	gacccaaaagt	ggnaaaacga	gcnttacaat	tgggaattgga	180
gntcccgtn	gttccggaaa	accgttttaa	tgntgccctt	tccttggttt	tcgaaagga	240
atact						245

<210> 3356

<211> 402

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(402)

<223> n = A,T,C or G

<400> 3356

tgcagttcgc	aggagggacc	atgtcgaagc	gagacgcac	tcggctatcc	tcgagccaat	60
ctgggacctg	ttccaagagt	ttggtgaggt	ccgggtggca	tttgcagttg	cgaacgagcg	120
tggcctttgc	aaagcagccc	ctcctcggcc	tattcttctc	atagatgctt	cgcacatga	180
tcgaatccgc	tcggtgttgg	cagacatcaa	taaacacttt	tagcggccat	ctcgaaactt	240
aaggcagtg	ggggagtctg	cgcgtgcac	tgctctacat	cgttgatgag	gttggtgcac	300
cgtcggtagt	tatttttata	cttcagaatg	accttttaag	cataacgtat	aaccgttatt	360
ttaccttata	tcaaattctta	tcagcataaa	anaaagnaaa	aa		402

<210> 3357

<211> 287

<212> DNA

<213> *Fusarium venenatum*

<400> 3357

cgggcaagt	actgatacag	cgctacaatt	ctcgatctac	gaaaaagaaa	cgactaactt	60
tacagatcgc	tcgcctagga	tgacgcgaga	gcaaccgtac	cgcaccgcac	cgccgcagac	120
ggcggcagcg	catcgtaag	gtcaagggtta	agggttccaag	agagagagct	tggacagaag	180
gctagggcaa	tgtcggttgt	ttaaaagacc	caatatacac	aagattacta	ttcattcacc	240
gcctggataa	ggttatcccg	acagcttgaa	gcatttttgt	tatcatt		287

<210> 3358

<211> 317

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(317)

<223> n = A,T,C or G

<400> 3358

taggaagaag	cttttactta	ttagtgcac	atatgccgac	atgtttatrt	tcacagaacc	60
tgtcccaaga	gccttcaata	cgcacaactg	acatagaccg	ttgtgtagct	atattgcgca	120
gcttacgatg	atgtaccctt	taaaggagaa	tctggggaca	gggacggctg	aactcaucag	180
gtggttgacg	gcaaaagtta	gtcgaagtga	agtttgagca	gttatgggtt	ntgatatgtc	240
caacaaaggc	caaaccctta	tgcatagttt	atcgcacgct	ntgaccaagc	aaatnnggaa	300
gaacttccaa	gcgtttt					317

<210> 3359

<211> 649  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(649)  
 <223> n = A,T,C or G

```
<400> 3359
gcacgaacga ggcagcaggtt tcaacttttaa attcttcagc ttggaagact ggcgagcggc      60
cattttaaga tgcgattcct tgataattcg agtctgggca agacgaccga aatccgagac      120
atggaccttt ctccctcgacg agtcaatcga tctgcgccga ctcaacttta taggcactct      180
tatggatcga aactttcctc caaacgcatt aatatttcac ctggaagacg gtgtttactc      240
gttcgacttt cccaataaga tatcggaacc gaaacaagca ccgacagtag cgacgtcgtc      300
atataccgcg cttatgaagt tggccaactt ggagagctct atagaagatg cyatggagac      360
gcaaaatcga ctlatggaag agataaataa tatgcttgat gattcacccg tcgataagtc      420
agaaacggcg caagaagctg tttctgtcgc agaaaagtat gtgggcgngc aacaacgctt      480
caacaacttg gcacaaaaag aaacnggatg atctacngga atcgataagg gcccgacgcc      540
gaagctatcg ctttaanggag agagcttgga gctcaaccgg aaccggtatn ggcaataatc      600
gagagaaggt gancgcttcg gaagagcttn tcgaanaacc caacaccaa      649
```

<210> 3360  
 <211> 637  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(637)  
 <223> n = A,T,C or G

```
<400> 3360
cagcaaacac atgccctctc gtcacataca tatatgtctg tcgccccctc tccattttca      60
tategcctct tttgtccgtc tacctatatt ttgtatctac tctaagattt gcttggttaat      120
aattaatctt gctttacata tttactggat atctatctac tgtccactca cctacatcta      180
ctgggtccac gagcttacct atttgacagt gaaatccact ctacagatct tcgatttttc      240
gattctgtac gccagaactg atgctcaaca agccgcaatc gcaacataga tagatatatc      300
gtcagccctc ccgtatactt caccatggcc accgnacaac ttccccgcca gacgcgacac      360
aacttctggc gccattcctt tctgtctctc accgnccacc atttctaccg agcctgctat      420
tggcattctg cccttctntc cccatactac gtcagcgagg caagctnttg ncacctacca      480
gtctctgagcc atggattcga atgntgnctc acgacaaaga aaaaatatca gaacttggtc      540
agaatgggca agngngnagc tttgagccca ccccggtgnc cgcgagggtg aggtgactgg      600
gagtcctatg tgagacacga ttngaagggt ggcgaaa      637
```

<210> 3361  
 <211> 196  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(196)  
 <223> n = A,T,C or G

```
<400> 3361
ncttctgata gggtaggtga taatgggtccg ctgagaggaa gtcatttgct gttcttcata      60
agatgccaac atagcctcga gctgctcttc ctgctccatc atcatctcat cctcctcagg      120
gatnggaggg tggtcttggg taaangtcat ggctntttca atatccgctt cngtacttnt      180
ggagcatcat gtaata      196
```

<210> 3362  
 <211> 289  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(289)  
 <223> n = A,T,C or G

<400> 3362  
 natcaccatg gaacnatcca caacgagacn ganagacaat gacnnctggt gctacganag 60  
 gccaccnntt gttgacgaag aqctntacca tcaccatggn tgatattggc atcngcgaga 120  
 aggttaentg atacctgget accaccgatg ggaaattgat ccttatgtca ntctaattgt 180  
 tntanceacc gatgcttaen atcccaangn caacaatgoc natgtgttag cctacttga 240  
 aagctgtnaa acgttnanag ctgtgcttgc caaagtagca tcggtgna 289

<210> 3363  
 <211> 460  
 <212> DNA  
 <213> Fusarium venenatum

<400> 3363  
 cctttcgggc cccacctctt tgatcctcat cagggcgggc actgcctgcc tgagaagaag 60  
 acggttggtc atcaaaccca gtcagcacia gggagatcgg aagcttccca tcagtaaaat 120  
 cataacgccg ggatattatt tcgaacaaaag ataggggtct aataagtcca aaccagagga 180  
 ctgggtctct tcaagcccat gggttagcca ttgatgggtc ctgtccgaca aagccttcaa 240  
 ctcttggtt tgggttaagct aatttgaaca cagctgctgt cgaccgattt cgaaatgttg 300  
 gatatactgc ttctgccgt ttaatggcct cgcgagtaag ttggtatgca ttatttacag 360  
 gccgttatgt ctctctgtt ttggttcacc ccggtagata ccgtgcagct gctatctacg 420  
 tagtattcca tcaacaaagc ctctgggtct cagaaaaaaa 460

<210> 3364  
 <211> 406  
 <212> DNA  
 <213> Fusarium venenatum

<400> 3364  
 aatggacgcc ggggttggtt ccatgagccc gttacatttg tgtcatttgt gcttgatttc 60  
 ctagcctcaa taggtgtgtc gtatttgaag cagatcgaga ttgaccgga aattgtacgt 120  
 ctctgcattg gaaagagccg gacacgccga accgccgtac tatgctggtt tgctgaggac 180  
 tggcaaatg caccagtga gacatcaagt cctcgacagg gcacgaagtg gtttagaact 240  
 tgacttagct tgggaagcga tgggttggtg gtcagagact ggggacgtac cgttttecta 300  
 gacatctacg ccgggacaaa tatagaagtt gagcgttata ccgcgatatt ataagttatt 360  
 acgatcttaa tatatatcga aatctgggaa ttgacacttc aagatc 406

<210> 3365  
 <211> 104  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(104)  
 <223> n = A,T,C or G

<400> 3365  
 natgtcgaga cgatctacat gaagaacntc gaagaactta gttgagngcc ttnattccca 60  
 ctacaaagge ntatctgnet tagaccntcn agcatttgc ggtt 104

<210> 3366  
 <211> 547  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(547)  
 <223> n = A,T,C or G

<400> 3366  
 tcanctaataa aacggggccgc angtgggggt gggaantttt ggcagatcta attttccctt 60  
 tnaatcttct ttttttgggt tggcgaatat ttttcttttt tcggcccatc aactttgggg 120  
 gcaatactctt ccttttccct tgggtgggtct tttccttctg gttgggcttc tctttggtat 180  
 aattggggccc ttcttgcact atctatcttc ttgattaaaa tgggtgggccc ttttggggccc 240  
 tggggggggcg aaatctctcg acaccgcttc ctgcgaaaaa acccttttcta cgttttcgac 300  
 taaagatcaa atgatgctca aggcctcgct cgacaacttc cgcgcaagct ctgcgcgcgc 360  
 ccgtgtcatt tggacactat acctcagctt tgcttatctc gnttatgcga ncgccttctt 420  
 cttgtcgcgg atatgacaac ctgcggggcct tcgaatgggg gggcttaciaa ggcgggcngg 480  
 tgctcatnta cgtaacgggg caggaacctn ggtacggact anaaggttn ggatngagaa 540  
 cctaatag 547

<210> 3367  
 <211> 380  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(380)  
 <223> n = A,T,C or G

<400> 3367  
 gggaaattcn tgcaagatgc ggnagggggt tgagcttcat gngggacggg gaacngtcat 60  
 atgtatacac ttttagataga acccgtaaaa cccctgtcgt agcatgcgat tgtctaaaaa 120  
 gatcatgtca gcccatgtta ttttccccgc aacatccctt cttcggaagg ncgttgtcng 180  
 cagaatgaag atgaatatcc tttgagttct ttttatctat ctgggctgaa gtcccatctt 240  
 tgcacatca tcacatcat catcttggtc ttctttnttn agcagcttca actcggtagc 300  
 agaattttatt gccagaaaac tacgtttttc ttcagacatc caactagcgg cctcttttga 360  
 tcaaatccac cccgtctcatt 380

<210> 3368  
 <211> 164  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(164)  
 <223> n = A,T,C or G

<400> 3368  
 ntcattatag aaggggattt attttagggg gggaaaggnt atgagatagt taaaggnggt 60  
 gattaatnng ttgggatact aaggaattat gaaaatttga ggggaattag anangatagg 120  
 tttttaanan gtttggtatg gaatttntgg gaattaagta aaag 164

<210> 3369  
 <211> 345  
 <212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(345)

<223> n = A,T,C or G

<400> 3369

nctgcagctt	cagttctggg	tcgtcnggg	taatgacagg	cctagtcagg	aagttcggca	60
catggcgtga	gttgagtggg	ggcatcggtc	gccgttcagg	gtggatatac	gacggccgta	120
tctaacgtta	gtagccattt	ggctgcactc	cgtggtgtgt	ggaacatttg	atcctccatg	180
agtgggtgtg	tatgttgtag	ttttgagagt	caatatcatn	ctancgcaag	ctttgctgag	240
aaaagangac	caaggaggag	tgagggtgaan	gatttccgaa	gggcaattgc	agagattgat	300
gaccagaaaa	gtcccgtttt	cagtctagca	gtaaaaaaaa	aacca		345

<210> 3370

<211> 130

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(130)

<223> n = A,T,C or G

<400> 3370

nccngaagg	aagaaagang	cctaaacgga	gagncgcaga	cttcaganga	aggggngggg	60
aggccttttt	natggccgcc	ctgngagacn	aaaaggaaan	ngaaggaagg	gagggcnggg	120
gaagggaaga						130

<210> 3371

<211> 106

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(106)

<223> n = A,T,C or G

<400> 3371

ntggccacgn	gaagagacaa	naangggggg	aggagaacan	ggnggacttn	tcgcacccc	60
caccacagaa	ggggangggg	ngggcaccga	anggaagccg	cgnggc		106

<210> 3372

<211> 183

<212> DNA

<213> Fusarium venenatum

<400> 3372

gctatgtgag	agtgaagggt	tacgggtcca	tcaccagtag	aaacttggtg	tctctataaa	60
cactacgatg	ttgtggaaga	ctgagtagcg	gctgcagctg	cgattgtttt	caaatacaca	120
tgtaatactc	qaaacaatga	ctcgtaactt	tctttgttgc	aacagatqct	ggggaaaaaa	180
aaa						183

<210> 3373

<211> 465

<212> DNA

<213> Fusarium venenatum



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<220>
<221> misc_feature
<222> (1)...(465)
<223> n = A,T,C or G

<400> 3373
caaaagaaaa aactcggggg taaatacaag caaatccaag cttggccctc ttcgatcccg      60
tgaaacttgg gaccttctc tttcttcaaa aggggggttg tgtaacaaat cangacataa      120
tctcatcca cttgtctatc ttttttatct atccactatc cccatcccc ctttctttcc      180
ctctctctta ttctctcaac ctctcaccat aacatcaaac tctcgataac aaaccatgga      240
gaggccaaac gatatggagg ctgttgagaa gcagcctgac tccgactata agcacatcga      300
ccaagcccc agcaaggtea gctccgatat cgatgccgac catggnttca cccacgagga      360
gcagcgcagc atcatcaagc gcattgatcg cgctgggtat tactgcgng ccattgtactg      420
ngctcgtca tggatcgcac cacatgagtg ctgcaacatt ggcgg                                465

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<210> 3374
<211> 5/2
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(572)
<223> n = A,T,C or G

<400> 3374
cgggtcaaca aagatcctta caggggagac acatttcggc gcaacttcaa cttctcaact      60
ctgatttgcg gegtctgtcg tatggtatca accggtagtc aatcgctcgt cccttgggccc      120
atgttacgcc ccgggaaaag accggtatca atagctcgag atttgatata acgttgctcg      180
aactgaggcc ctgcgattg ccggccgggt gttcctggct aattcgagaa ccattgccat      240
gtctctgtgc aatgccattc gcccttcatt cttcaacaac cttttctgtt ttacgcctcc      300
gtccagagac ctaaaccatgc gaatcctcca atggcaatct gaattgggca cgggaagttc      360
cagacctagc gggagctgc tcactgggca ctgaagctct gcacgtctcc ttggaaacgg      420
gtcgggaata ctcatgatca gcattgagat gatgttctag acccttagag accaagggcc      480
tgcgtgtcct cgtgccctga gccacaaatgt ctcttggcag aacagaatta ttgatcttcg      540
cngtctaaaa cgggctgtgg gcgcccttcn gc                                572

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<210> 3375
<211> 338
<212> DNA
<213> Fusarium venenatum

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```

<220>
<221> misc_feature
<222> (1)...(338)
<223> n = A,T,C or G

<400> 3375
ntttaaaaaa ctgggnnttg gaaaaacng gggtnacnca aataaancct ttgaaaaaat      60
tctttttttt ncaggggggt aaannntaaa aagcnnnca aacccnnlll ccaaaagngg      120
gcgccttatt cncgggggg gttaaaagggt taccctttaa aaaaaaaa aaacccntttt      180
tttttttggg gggnttcaca aaggaanttt tttcnnccc cggggcaaag ganggggaacc      240
ccctqccan gccctttgt ttnaaaaaaa anttccgggn aaattttccc ggggggggnat      300
tttggggaaa aaacgggcc tnaaaacccc naattggc                                338

```

```

<210> 3376
<211> 631
<212> DNA
<213> Fusarium venenatum

```

<220>  
 <221> misc\_feature  
 <222> (1)...(631)  
 <223> n = A,T,C or G

<400> 3376  
 ctccaagcat tccgtttctcg cttgggaatt tataagtctt ttgtactcga gttgtgtgca 60  
 atgatgtctg ggagaaccgc ctgttagtat ctgtctctct cgatgcccat gagtttctta 120  
 cttcactgat cttagcgcca atttgtgttc tgtatcctca agaggtcgct gcttgcaaat 180  
 accaggcctc aaagcgaaac gcaacgttga ttgatattgc cacccaaaga gctgctggaa 240  
 cttatctctt tatatcaagt ctcaacaaac ggaaggaaact catctctcat aaacttggcg 300  
 acgttcgcgc agtatcagga cgagcgattg gccgacaaca catatacgaa tacttgtgtt 360  
 aaggaatcat cgtacctcag aatgtttctg gatgccggtg ggggcgtact gagggtagga 420  
 aacgtagcga aaagggggat gaccggtctg aatgtcatct ncatacattt ctggtttctt 480  
 cagcctcgag aaaagtcgcg atacgtatcg cagcgagctt cggtatctgg tccaatggag 540  
 catcctctac accagcatca ttgtgttgcg catacaagtt cgttagcaag tgcctgatga 600  
 aacctcgtgt acctatgttc agtaaanggc g 661

<210> 3377  
 <211> 619  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(619)  
 <223> n = A,T,C or G

<400> 3377  
 ccggcagcga gctcccagcc gttgatcccg agaagactcc ttccgacctc gttactttct 60  
 ggcagaccaa gcccggtgag gctgaagaga tgggtgcgctt cagtcaggcc aacatcgctt 120  
 cagccatttc agctcagctc gcagctatcc caaccaagga gcgtattaac ccgtccgatt 180  
 tgtttctacc agccgattct cttaccaacg tttacaccct tgtggtcaca ttgggcgctc 240  
 tctactccaa cgcttctatc gctctgaact ccgtcgcgg caagtcacca gacttggttc 300  
 tcgcaactca aggtgtttgt cccacagttc tagtggttag tcccagaca cttctcaaga 360  
 ctcacgaaca gtccacattc agacttggct tcgcttggca acggctctca ggtatggcta 420  
 ctgaactttt ggcttggang gnggccactn tcatcaactt ntntcgggtt tttagggcat 480  
 ccatnattt ggacaattct ggcaacttgc cnggattggt ggccaaccgg ctggctctgg 540  
 actctttccn gctgcaaagt ctggctggac tggcatttta cggggcaana ttgggntgct 600  
 ttaccgggcc aaggtgttg 619

<210> 3378  
 <211> 291  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(291)  
 <223> n = A,T,C or G

<400> 3378  
 gttttaaagt gtctctcacc ccgcgcaacc aaccatgatg gcgtngcgac gactcgacct 60  
 atccctctcc ggctctgccc gtccgacctc aacatgttta ttttgcaat ctccagcgctc 120  
 attcaccacc tncgtctctn ggctagcgag gactggaaaa ccaggtaact gcgcattctt 180  
 agatncttag cnaatggttg ccaagcgcgc gnagcttccg naactnttgg aaggganaca 240  
 agggcntttt gntctaaaccn ttctttggcc gatnggttgc cttaccgccc a 291

<210> 3379  
 <211> 609

<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(609)  
<223> n = A,T,C or G

<400> 3379  
cgatcaagat gcccggtttta ttcttggtga tccactcggt tttaactatt tcgttatagt 60  
agaacaattt tcactgcat gatggcgaga aaccggacat agtgaaccga caacggcgag 120  
ggtctcgcat caattcaggt attatacatc atcagagcag ctttttcagc ttttaatcac 180  
attagttagt agacaaattt cggcgccatg tctatctagg tacatgatcc gagttgagtt 240  
tcttatccat gtctgccagt gacaaagttt gagatttatt gntacccttg attacagagc 300  
agacacagac acagacacag acacaaccct gcttttctgn tcccgataat ctttgatget 360  
naaacagcaa caattctgaa cgcacgacaa gggccttctt tggggccaga aaaacccacg 420  
ctttgctgnt tcactgatgc ggcctgaatg gctgtgtgca acgaacccca ggtnttaagg 480  
gggaagaatt nncgtttaat tccggctttt tnttcgagga ggattcctat tttntccca 540  
ggtntttgga ccaggattga agnttaggtt tatgccacct ttgttgnctt gagnccaaaa 600  
anaagcccc 609

<210> 3380  
<211> 156  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(156)  
<223> n = A,T,C or G

<400> 3380  
ngagaccgna tgcaatgaca aatggaccga gatgaccctt ctnnacaaga aagctgatna 60  
ctggattget tnggtactga cgncccttta cttaggancc cntggaacca acgcncctgg 120  
cncctggggg gtgtttattg ggntgggttg cagagt 156

<210> 3381  
<211> 623  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(623)  
<223> n = A,T,C or G

<400> 3381  
aatcacgggt cattcttcat ttggtaaaga gtatcttgaa tcgtaccagt gattcgtcta 60  
cttttgccct gtatttggtg tatccctata cgaagaacac tacaacaaat ctggcgacaa 120  
gctcggatct tcaaggcttt gcttatttcc caattctcatg ctccatcccg agtgcgctcg 180  
aaacaccata acctttggtt attctagctc aacaaacaca aattgctgca gcgaacgaag 240  
ttaaccataac ttggccattt cacccttggtt cttgcgcgaca agtaatcgcc ccacgtgaga 300  
agcgcgactc cgcaccggtt tccaagattc tgtccttcaa gccaatcaac gaacttcaaa 360  
gcttgcaatg gcgaactaatt cgaacactct cctccaaggg ttctctgggt tcaaccgctc 420  
ttggcgctca gctnagttc ttctctgcca tgggaacggg ggagctcgac gagctggtta 480  
atgcttacat cctggcctgt tccaagcagg agaaacgtgc caccgtcttt tggatacttt 540  
gagttgcgca cctgntggac agacattaag tctatccgnt ancacttccg ttctgtgaat 600  
tccntgggtt tagccttcag gan 623

<210> 3382

<211> 628  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(628)  
 <223> n = A,T,C or G

```
<400> 3382
cnnacacacat gctnttccct gntnatcggt gacacggttaa gcgactgcag ntctacctca      60
tcaatcattg gtttnatcac tctccagcca aaccgaatnc gttctaacac ccncacaaac      120
aggtttcttt gntataccgt cccaagcctn ttggttcccc tcaccaaaaa tcccttccct      180
ggtgtngggt tgagccatt ttcgactctt ttcaccaaca aacttgagct gatcctcccg      240
agtacagttg gtgcttactg tgactganaa attctgttat tcataccaag acgatgtccg      300
accagcctgc gactgtngct gttcccaacg accggtncga cctanctct ggcgtgagt      360
cagcttcagc gccgcagaca gagttagncc ngctgctgat ccacacgatg gtgacgagag      420
tgaaactgan tctgttggtg gtgatgaccc gtcagctgca ctggttncat cacatcgagc      480
atTTTTttnag tattgtntta tncaaggggc aacttttaac agggatatga caccctatga      540
gtacttactc taacgatgag caacaatgtg catcgnttgc atcaaccatt aagcttgacc      600
tactttnggc ggggaagntt tcttgenc                                     628
```

<210> 3383  
 <211> 704  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(704)  
 <223> n = A,T,C or G

```
<400> 3383
tttttttttt ttttttgaat gagacatact ctattataca ccttgatacc ctacatcgct      60
gtgagtttct aatccaaaga taacattagc tggccacctc atagcttctt cccatttcctc      120
cccaagaacc tccatgatat atcctaacag cccgcttggc caatctntaa ggcaccagtg      180
ctccttatag aaactnatta aaacagtaaa atgacaaaaa tggngagtgc cacgggatgt      240
ccgctgaaca taaatctaga aagacacgat ctatctcgag tccccacccc aaataccttg      300
cccggttang gtctnccagc ttgtccgana gcattgaatg cggcggaaaca gtcttgaacg      360
gcgtgaaggc atgatgtctt ctgttcccc acacaccaac ggctatgcat tcccagagag      420
atgcaagctg tggatacctt acttcgagat ccttttgagt attttggtga ttggcacaaa      480
ttttgtaaga agcccgattg tgagacacta tagggggcgaa gttntgttgt acaaacatca      540
aggtagaacg gntaaattga agtgccctta atagcttctc gacagggtrg aatgngccaa      600
anaccggact tccggggggg cgaaacatag gttccgttcc gnattcantg gaagtgaaac      660
ttgaaaatcc cacagggctt ggtggngcgt ttgatctggg gact                                     704
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<210> 3384  
 <211> 358  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(358)  
 <223> n = A,T,C or G

```
<400> 3384
tttttttttt tttttttttc aatatgtttc gacttatata tactctaaac taccaactnt      60
ccgnttttta aactntcatg atttaactgc aatcattcgg caacagggca aanatcatag      120
ttgcatatga cattgttccc cccccagntt gggaaaagat ggccagaacc ccqgcccqaa      180
```

gacagcaaag	gagaggatga	aaagaacagt	gagacttgcg	ccatcaaaaag	caccagtcac	240
caggtncgag	tagtctntaa	anaccgcggc	ggtantttcg	gaggtaganc	tgaacgaaaa	300
aagccagaga	gcaactgnct	gaanatnacc	aagtttgnct	ntggttgtaa	gggatggt	358

<210> 3385  
 <211> 270  
 <212> DNA  
 <213> Fusarium venenatum

<400> 3385						
cttcagaatt	gggtcattgt	gaacttttcgt	aaagccaaga	taaatcttgg	taatttagac	60
gaggcgacgt	tggtcgagat	tagccagctt	gtgcccattgt	atgaggatct	aacatcatca	120
cacaagggttt	attctggctt	caatctattt	tatccaggat	attagtcgaa	atgggtgttg	180
acgcctactt	cgtcggctta	acagcaagag	cagacacaca	tttccgacaa	ctggaaaact	240
gttggttttat	accagaccac	tttgagaagc				270

<210> 3386  
 <211> 534  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(534)  
 <223> n = A,T,C or G

<400> 3386						
gaggacatgc	atgctgcac	gcgaacaaga	accactaga	cctcatgggt	aaaattcgat	60
ggtactatgt	actcaacatt	cccttgtcga	caaagtgtgt	gtctgatcac	tcagccttat	120
cccccatctc	gttcgatctc	gaccggaccc	agtggcgaac	gttttgctcg	acggcgaata	180
ctctgcgctt	acatctctgc	atcgagagga	gtcttaccca	cgttttgaa	atctccccgc	240
gcggtttctt	tccatcttac	aaacatttgc	cttggcgtct	gattcactca	tccttgcccc	300
tttatgtaca	gtacattttc	acgaactcgc	cgactactaa	gccgcttgga	cgcttcagcg	360
aatcttgatt	ctgggccaan	gntattcttt	ggtcaataga	nnttccctgn	cctcttatcc	420
agccctgcc	ttcgtcgaat	tcgcactcgt	ggtcctancc	cgttgtcagg	tttgtcagct	480
tagatcacga	tngcatngtc	catacagnta	ctaccatggt	ttttccaact	ttgt	534

<210> 3387  
 <211> 655  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(655)  
 <223> n = A,T,C or G

<400> 3387						
aaaacttttc	cccgccgatt	accaagtaaa	cctatttcaan	gggcggggcg	gtggggcccaa	60
actgggtggg	cttggcccag	tttgtccccc	cagcttgaag	tggttcaaac	ctttttctga	120
aagccctctg	gtgctgaaaa	taatgggaca	cttcgatggg	gtgaaagtaa	gaagatcatg	180
tttgccctgac	aggggttatct	tacatttgccg	ggcaagacgt	ctatcaacat	ttctgtcttt	240
tttgcaagcc	atgggacgct	ttagtccgatt	acaagccat	tgacacaaca	cagttccact	300
ttcagttcta	ctcaaggcag	acngntctat	agaagcccca	agacgaaccc	acatcctggt	360
ttttcgataa	ccacaacatt	gacaaagtta	cctcgtcaql	gcqccaacgt	actgqctttt	420
cgctccgcta	ttcgtttccaa	aaggacacca	gaaagacctt	tongtggttat	tgnaaacatt	480
tcaagaactt	ctttatgcac	agatttncat	gaccatgtct	atgcctttcg	tggngtgga	540
tgganccggg	gcattgggaa	ttttcaagtg	gactacaaca	aggtcaaaaag	gtccagaatg	600
ttttctttca	cttcttcgac	tttatnggtt	naaaccactc	aattaccggg	tgggg	655

<210> 3388  
 <211> 220  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(220)  
 <223> n = A,T,C or G

<400> 3388	
tggccaagcc catgcctgct atgtccatgg tgtttggtcg acgacaagaa gctgtgtcta	60
agagctggag tgatatgtgg gacgaggatg aggaagagga ggaaatggaa cagcagcgac	120
aaatgctaca ggagctcaac gccaggactt ggagccagga gagcaaggag gagaagaaag	180
aagtnnagaa gatcgcattg cgaaccttga cccttaaccg	220

<210> 3389  
 <211> 509  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(509)  
 <223> n = A,T,C or G

<400> 3389	
cagatgcgaa ctgggcattt ggaccacagg catgtggtca tacctgtaag cagcgaaccc	60
tccttacgaa ccggcccagg tatatctcca agcgatcaat taccgttcgc ctgggccaca	120
acacgggaac attttccgac ttctggagac aactatagga ttttttgac accagggaat	180
cacacaggat atagaggact tattgctcgg cgctcaagga ggaggactta tttttcttt	240
tattttcggc acattgcttg tccttcagtt gacaggcggc tgaggcctag ggacaaccaa	300
aactcatagc caccaacatt ccgttggaac acctaaccgn taccgattaa aaaccggnat	360
ttccccggtg gttttattac aggggctcca atccaagacc caagaaaaga aattgaattt	420
ggcgtttttg gatccncttc aaanaaaaac gatngccaac gttgtaattt gggccttgcc	480
caccattggc ctattttctt tggnttgaa	509

<210> 3390  
 <211> 612  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(612)  
 <223> n = A,T,C or G

<400> 3390	
attttttcca agagaccttg cctctaggaa aggcaggcgg tgaaaatagc ccaccttttag	60
ctttataaat ttggannagg tagtcgcaaa gogactagct ggcgtcttgg gggtcactta	120
taataaaaatt caatagcct ggacaggcat atttctttct cgatagctat gcagatcat	180
ccangccatg totagaagga cattttataag aggcctggcg ccatttcato ccagacttta	240
tcagcgaccc ggcggttgtt tcattttttcg actaccaacc tcgacttgca ctgcacaaac	300
atgttgtctt ctatogacaa cctctgcccg ccgaacctcg gaaattcgca gcattgcaga	360
actaacaaat agaataaaac cagcatcttt aaaaagtacca aacccccqat catcqqttct	420
atccttaast ggccaagctt cccaaaacct ttatatcaca agctggactc agatcagttg	480
tcgaacnctt gcaagtttcc acataacctta caanagnttc cgaggnaacc ttgggtcnac	540
ttgtttgcgg aacctgaagg acattngttt caattaagcc tnaactttga tcaactgggg	600
caaggtgacg nt	612

<210> 3391  
 <211> 611  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(611)  
 <223> n = A,T,C or G

<400> 3391  
 tcgaaaaacta acttctgntc cntgggtttgg gtncatcttg tcttggtctg ncttgtcttt 60  
 aaatactntt gacctttcct cgagctgtct tgacgtcgac gttacagccg ggtatcattc 120  
 attcatatcc atcaagctaa cacaacacct cttttaccgc cattactacc caacaacttt 180  
 tattcactct accacttgag tttatatatt gaacgacaga atctgaactg gattggattg 240  
 gatattcttt cgacaactct tcatntactc atcttaatca acgatttact agaatcgaga 300  
 cttttgatcc gnttttctact tcacaatgtg caactacatc tataaggagc tcagctggca 360  
 acaccactac cacttggtgg aatcatggtg cccaagtaca tcgagactga acgtcggtgt 420  
 ccgccaccat tgtgagcaag cagtctgggg tgacgacatt tgtgctgcct gccgagaacg 480  
 ccacaaccaa gtcaacaccc atgggcttag cttatccacg tccgagtnan gcattgtctac 540  
 tttcttaact ccgagcatta tgagaacgac acgacnacga ctcggcagtc cagatgtgta 600  
 ttgacnccac t 611

<210> 3392  
 <211> 194  
 <212> DNA  
 <213> Fusarium venenatum

<400> 3392  
 catgatggct totaatggat gcggaggcgg tgcaccagaa tggtaaaaaat ggtatagata 60  
 taaacaagga gttggagtag attacatggc gtttggggct tgagggttgg tggtttggga 120  
 tggttttgtt atgatgatgc tatctgaata gatatatoga ccttcttcaa caatatagaa 180  
 gaaattcaac gttc 194

<210> 3393  
 <211> 310  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(310)  
 <223> n = A,T,C or G

<400> 3393  
 attttacatg ttctcatcta aataccgtct cttttatcac atcagacatc atggctgaag 60  
 cggaacagtg catcatatgc ctggacctt tacctcgacc ttcggctccc cttcaagctc 120  
 cagctgcct cactatagct gcgagtgatg ctgcttctgc tggtagtgat actggactgg 180  
 gtaattgaaa nttttctgcc gatccganc cagatctgac cacctttact tttgagctcc 240  
 ggcatttctt gccacaacca ctacagccac agaagtttt gnggacgttt naaatttttt 300  
 gaatgttgcc 310

<210> 3394  
 <211> 220  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(220)

<223> n = A,T,C or G

<400> 3394

nattaatggn	ctctggggnt	ggtgggtgata	atataccta	actnaatata	tanacgggtg	60
gataaatgta	tatacaattc	atatnatgac	aaaacatcac	cttgtaaata	aaaagatcaa	120
acgccccctg	caatttcagt	acatgtcatt	caccttctgg	gcggcngtca	ttntncatat	180
aaagggccaa	notgcctata	ccnantcgaa	ttncaatata			220

<210> 3395

<211> 125

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(125)

<223> n = A,T,C or G

<400> 3395

ccccacaaac	ccgottagga	acaagggggg	gcttnttttt	gggatntgca	ctttattgca	60
cggtattgtc	ctantagtac	cttatctttg	gttaanttga	tacgcnggat	tcgaccacga	120
ccacc						125

<210> 3396

<211> 485

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(485)

<223> n = A,T,C or G

<400> 3396

gtcaactcac	agtgttgtct	gtactatacc	ataccagtcc	tatcggtaaa	gtgggagcaa	60
tggaacatcc	gcaacacgtc	aattcggtcaa	cccacatgcc	gacatggcag	gacagcaaaa	120
gcgataagac	tgccggcatg	tcttttcggt	cccaattccc	atcgctgtct	aagagtctac	180
aacctcttga	cgtagacaga	atggatctac	gatgcctctt	tgccaacaga	ctcttgcccg	240
tcgcctttgc	gctaccatgg	gttggtgagca	tgatcatatc	ctgtatccca	ttcacccgaa	300
ttagtttact	cgaggcccca	gattccttat	tttggtgtcg	cttggttanta	tcgtcaaant	360
ctcantatgt	cgcagtcttt	atctacacat	ccctccgcac	cgacactgaa	anaaacagca	420
tcttccaaag	aaaaatgtct	acaaaccctg	gttcnggggtt	cctttttaat	aatccctttg	480
gttac						485

<210> 3397

<211> 598

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(598)

<223> n = A,T,C or G

<400> 3397

noctttgngg	tctgtcactc	gtcactttcg	aagtcaaata	ccccgacaca	atcggtcttc	60
aagacgacna	cgaagataag	ttcccatgct	gnggtttnac	ccccgacctc	tcctaaagata	120
aactngtcga	tttccacgtc	ggaggcgaag	ccattgtctc	tctgtccact	caccaacaag	180
gcaactggct	tttccgagtt	actcttgatg	aagaggcctc	angcggttgg	gaacaggtct	240
ttctctatct	tcagcagagc	ggctctgggt	atttctgtca	accccaqgtc	acaattccga	300



gaaatacgtc	ggcaagaagg	gttgggtgaa	tgttgngtct	tcagcaagtt	gatggcttct	360
ctaccantgc	attgctgcca	atttcgtcaa	gggcaahggc	cgatgcgccc	agccagtgca	420
agaatgcac	ttcagtcaaa	gcataattca	cncgacgacg	acaaactttc	tgccttggtg	480
atggcggatc	taaatecgag	gagttctcaa	ctggtaacng	cacaaacact	ggnttaaaaa	540
gggtntttta	cagaaaccaa	agattcnggt	gcggggccgc	aatcttggtc	aagccacg	598

<210> 3398  
 <211> 1333  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(1333)  
 <223> n = A,T,C or G

<400> 3398						
cgcattcgga	tettacaagt	ctccgttacc	gacccgagcg	aatccttcca	cttccattca	60
cacaccgcgt	gatcagagat	ctagtatatct	ctctgatcga	ctcgactccg	actcggtaga	120
aagagtcaca	tcacagcaag	aacccacgga	acttcataat	ggccgatctg	ccggcaaaac	180
gtggggaagc	gagcagagat	atcccacgtt	tatttcctag	ccccgaagga	tccgtcgcac	240
tcattcatgc	tcatttatcg	cagtttgaca	taaagccgca	aattccggtt	cattgacgta	300
gttgaagctc	aacccgtgct	agctttcaat	ttgtcaggat	atcgcatcga	taccttcaaa	360
aacaaactcg	cggaagcttg	atacggacgg	ctcggcacat	gccaaccgct	cgccccctca	420
ctcaaataga	ttgatgacgt	gaatattcga	atcaagttga	ccatgtcatt	tgtaaaaaag	480
acaaaattac	aaaagcagac	cacaaaaaac	aacaccacag	ccgtgcgttg	ncaggcacgc	540
gagttcataa	cgccacgaaa	ctacgtcgtc	gaacccaaaa	gncatgcgct	ctcgttttct	600
tcgctggaaa	gagatcatct	atcgatcaca	tatctcgctt	tgatacccaa	gtaatcgagg	660
gccaaaaatt	cccaactctt	tctgggtatac	acacactttc	gccatcgagt	cttgggtttg	720
tggaatttta	ccgtcacttt	angggatatgc	atcgatcttt	ccaaattttcc	cgatccaacc	780
gtctagtcta	tcactagaac	ttccgaggcg	actttcattc	agatcggtac	cctcagtgac	840
gcaaaagcga	ctcaaaaatg	cgaaacacat	actcaaattg	ggaaaataaa	atctctttgt	900
ttaatgggtc	aagaagtttg	gtgatgcata	cacatgggtg	tttcgcagtt	ttacaaaact	960
ccgaatgac	taacatcagc	gattggggcg	ctagacgatg	gatagagcga	caacgttgag	1020
catccagcaa	tggatgtcac	tgccggcccg	tctattttcta	ataacatttc	caagtgttg	1080
gtattagatg	acgccaaaag	ttctttctgtc	gcattttctg	aacgaacaac	agtgtttacc	1140
tgagaagtca	ccacacacac	ctgacactat	tgacgtcggc	ttntcaccaa	cctcgacagc	1200
tcgaatcgaa	gattgatcca	atcangggcg	attatagggg	ncccttttng	tgggggggct	1260
agttctntac	cttttcttta	aactcgnntt	tggagcctgg	gtttgggatt	ngaattntag	1320
ccanacagcg	gga					1333

<210> 3399  
 <211> 122  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(122)  
 <223> n = A,T,C or G

<400> 3399						
nygctgggag	agcaccaatt	atcacactgg	acnaccgaat	gnaacatgca	ccacaatggg	60
tgacgcgggc	atgctgaact	naaaattcaa	ngantggggc	gagtcnaaca	agggggggcaa	120
at						122

<210> 3400  
 <211> 583  
 <212> DNA  
 <213> *Fusarium venenatum*

```

<220>
<221> misc_feature
<222> (1)...(583)
<223> n = A,T,C or G

<400> 3400
cttttatcaa acgatgttct tgaacctgcc tttcgccaga atccacttgt cgacaatgat      60
tatgtctttg gccaagcctt cggacgctac tggatatatg gccctgcctc atcctgggca      120
ttctgtagaa gagtcctagc tctggttgga aaacatcttc cagaagcaaa caacgatccc      180
ccgccatggc atctcgacgg agtcgcattc cgtctccaat ggagaccctt gatgcctgaa      240
gaacatcccg atatctcgaa cctacccccca tcagactacg cattctttct cgtacagact      300
gcaagattct atctcggccc ttagcaagcc ttatcgatga aactgaattc cttcaacatt      360
ttaaagagct ttaccaggat gcttcaacga aggcagcatc gtgcaaagct gtggtatgca      420
caatatattg tcatgatagc ggttgggaag gcgttctctn gcnggaagag tgccgatgga      480
aqtccanogg gttatnaagt acnctgggtan ggtatgctt nttatgctg aggtggntng      540
gatggcctan aatccaatnt tttagcacag gcacttactt ttg                          583

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<210> 3401
<211> 635
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(635)
<223> n = A,T,C or G

<400> 3401
ccgacccact gatcttttagt gatcgggttc acgcttctag attgttcttg aacaaaggct      60
ggcaacgtat tcagaacaac gtttccacac cctggcgctc taccaagtgg ccattgggga      120
ctcgtattcg acaggtcttc ttcaacacag ctattactcc cgctaaacgt accattgacg      180
tcgtctcttt cccatcacac tttaaatctt gatgggtgtag ctcaattccc aaaaaatggn      240
cgcccagaag caaagcttat tcaacgatca gttattaaac ctgacatggg aatttttagca      300
actgggttac ttccacactt tccctttctc aacacaaaat acaacaccgg ccgtcgaccc      360
taccocgtat ctacgatgc ggatgtccgc caggtctggt catctaacga cctactggt      420
ggattttatt gcttcgtcgt actggaattg gtgccattcc ttctttggct gagaagcact      480
cttatgctct tngntactca cctctnaac cgagtcacag aactcttctn aaaggtgatg      540
agnngnatta ccgggnaatt catgccccgg ngcgcgaggt anatatgggg gtgagcacca      600
aaggtacnca taccantgg ccaagggnatt ggaca                          635

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<210> 3402
<211> 640
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(640)
<223> n = A,T,C or G

<400> 3402
attgtgacan acaagtagac aaagtcccat attgacttgc ttgtggaaga ggctctgctt      60
cactctnccg cttgogttcc tccacaacct caaaatggca tggatttggc tctcgcattc      120
atgcccaatg agattcagga ttgtgggcaa atctccggan ctttttaanqa tatgcctcgn      180
agaatgacgg gcoctgggtgt gccaaagtac cctgggttgc ccatgtctnc cggangggca      240
aggggtattt cgaagcgaaa gaanaaggan aagaagcgcc gttgggtatg gacaatcngg      300
caagaagatg gcnatgatga tgagcatgtg ggaggttcta tgcctgcttt gagggctgag      360
gcggccaaag gcgaatgatg ctgatnaaat aaagaaacct gtgaccgcat nagatcttcc      420
cccttnactt ttntacaacg ccgacaccca gcacgatag gtttqaaagc tttggatage      480

```

atcctatctt	gagaaccatg	atattgnnga	tgtccgatnc	nagcaggtng	tcttacaata	540
ccccgaagaa	tcttccacat	gacttcagag	atggatcttg	gacatcaaga	ccccgtcgcc	600
nacangattg	atggggaaaag	ctcaaaattt	ntcctnctcc			640

<210> 3403  
 <211> 120  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(120)  
 <223> n = A,T,C or G

<400> 3403	
naagtggcgt	gcanttgaca
cccgaggtaa	acccatataat
aacacgcaat	ncgaangggc
taagcttata	aaacattttg
acaaagctaa	gcccgttcat
gatggnnngc	tcaaacatgg
	50
	120

<210> 3404  
 <211> 585  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(585)  
 <223> n = A,T,C or G

<400> 3404	
cgaagatgag	gagatggagg
atttcagagt	gtctgaagca
attcttactc	ctgtccccaa
	50
gacacctgct	ccagaggcta
ttgcacgata	cgccgccaat
ctcgacctcg	agtcggcttc
	120
cgctgatgat	gatgacgatg
atgatttgga	cgagtcaccc
acgaaggatg	ctctcctgat
	180
gcgaacgtgc	cccccaaaga
agtcacatcc	tgagatgggc
gctggacttc	tcagccagac
	240
caaggatgat	ggtgtttctta
tgcgactcat	ggctgcacga
cgcaagagtc	tgcagtttgc
	300
gccaagatt	ggtagtcctt
tagcgaggac	ctggcagtaa
tagactggat	atgggtcaang
	360
tgggaataatt	gtacatggac
agggtttgat	cccagagttta
tgggttcata	ttaaaatttg
	420
ctgtcacacg	gcatggctgg
tacaatcact	cattttttgcc
atagganggg	ataccacagg
	480
gaacagacag	gaccttcgnt
gggcccgtttg	gtgggatggg
atttgctgga	tactttgttc
	540
acatatttga	gagctgggta
cttaagaatc	ancattgttg
attgg	
	585

<210> 3405  
 <211> 206  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(206)  
 <223> n = A,T,C or G

<400> 3405	
ntatcatggg	acacaagtat
agggcacctt	actcttgccg
tctttnttgg	ccnctatncc
	50
agcgcatanc	aaaaantcan
ttactgattt	tnctagggaa
anacaagcca	ccaaccccan
	120
tttggcnct	tnctattggg
actccagngg	ongagccata
attnaggcag	aaancgggtc
	180
tgcttttggtc	tgannctttt
ggcccg	
	206

<210> 3406  
 <211> 408  
 <212> DNA  
 <213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(408)
<223> n = A,T,C or G

<400> 3406
gaatgatcga cgatttttct gttggttaga tacggacgtt caaatcacga aggccattgg      60
tctcggattg gttctcagct acattcgcctg taagtattgg tccgtaaagg ggcttttttt      120
ttttttttgc acctacactc caagttttct tgagtttagac cagccagatc catgaataga      180
tcggggccgct cctaacaggc ctctggctgg atgttgntct ccggtataca ccaaggagtg      240
gcagatattt caatagctac ccaaaagata ttatgccccg nctcaataac agttacctcc      300
ggtgtaatgc taatttttgg tgccaggcaa nacactgcct ctgacgtggt aaggtggtga      360
gantttttga tcggcggtag ttgcaaaatg ntggccgggt gcaaaagg      408

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<210> 3407
<211> 379
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(379)
<223> n = A,T,C or G

<400> 3407
caaagcngct atattcttgg tttttctatc tttgctttgc ctcagccctc gcatactcct      60
ttgactaggc atgttcgggg gatgatggca ttgtttggtc tagtctaatt gggttctgtc      120
tggactgaga ttctccccc cttttgggcg atagagtcgt cgagaagcga cggcaatggt      180
gtctgacatg gcattggtgaa ggaaatggga ttccaagtc gagattggca ggatcgntga      240
gataggatga ctcttttnac gagaaacgga ctggttgctg agcagggggc gtggtgaatt      300
ganaagggtt gctgtgtcat gttgagttgt gnataactc cttatacttg natagctctn      360
gcgtccaaan cgaagacct      379

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<210> 3408
<211> 651
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(651)
<223> n = A,T,C or G

<400> 3408
gaacttctgc aacattctat acattaccat ccatcacagt atcttgaaac tgcaatatac      60
ttcttgggca ctcaagccaa tcttgccatt catctggcaa aattttctca atcgctctaa      120
tctctctaac acccgaatcc ccaatccacc aaaactcact caacatggac aatagagcaa      180
agtaatacgc aagaataaca agcgcctctg gacgaagctc ctccaccaga tccgcaaact      240
tcggggcgcat cactataggg aaaaacaatag ttctgtgtcc aatactcttg ttgatatttt      300
ccctatccat gaaattccgt atgcgtccta tgagactcag cgctctcacc tatgcattct      360
ctgtttcttc atcccacggt tcttcaacct cgtgaggttt ctctcggtt aacaagggtt      420
tlaaatcgct gggtagtcca ttaactatct tgctctctag aagatccgcg gcactttcga      480
tcactctngn atactacga ctcaggggta tcccgtaga tatccacccc ttgcggaaga      540
acqcaaqant cgtccctqga anccncaaaa gggccaccgg gaggggttat aaggttccan      600
cgagcnaacn ttgaagnoga atataaacgt aaaaaccnca cgattcttg a      651

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<210> 3409
<211> 184
<212> DNA

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<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(184)

<223> n = A,T,C or G

<400> 3409

ncgcgcctcg	aaggetgggt	ctgctgnatc	aaaaggccga	cgcagcgata	ccatnaantg	60
caacgggteen	gttaaggggtg	ccatcctaaa	gcnttnaaac	tacacatact	acacatacga	120
gagtgtgnct	aatggatgca	agagttacct	gactttcaat	ccttacnctt	cggcctatgt	180
tttg						184

<210> 3410

<211> 576

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(576)

<223> n = A,T,C or G

<400> 3410

gcatattaca	acatggccga	caagatcaaa	gaccttcttg	cagacgacag	cgtatctgcg	60
caagatgctg	cgcggaaaat	tacaagctct	tgtataaccg	caattgagaa	gaacgaagat	120
gcgtccaaaa	ttgaggatga	gtgtatgcc	ctctggccgg	gcacccctac	cgcgcgcgag	180
caaacccctc	atgatcgaca	agataagcta	gtgcaaatga	tgcaggcgat	aaaggaactt	240
gcacccctcc	gagacaaggc	caaaaagatt	gttgtttggg	ggaatgagac	acgctgggat	300
gcgtctcccc	tgttcggctc	tacagcacga	gatgaacttg	accgtgcgca	agaagatctg	360
aagactccctg	tgtaaacatc	aacgcattct	tcgcccgtat	cacggctgct	ggaattgatg	420
actttactct	ctaagccatc	tggatcttgc	gcgatgccat	tgangaccgc	ccgtgaatga	480
gatcgcaaaa	aagacttcac	ccangctatt	gaaagctgcc	tcagtttggt	tcatttacgc	540
tggtgattca	ttggcaaaag	cgaccaaaga	aggaaa			576

<210> 3411

<211> 624

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(624)

<223> n = A,T,C or G

<400> 3411

caaaacaacg	ccaccagcat	gacactcacc	aacgttcaat	ggacctatct	gggaatcacg	60
ctgctttggc	ttgcctctgg	tctcttcttt	tattacatgc	ctcttcogga	agtcagcgat	120
cgcgagctgg	agcaatccgc	gacgcattct	cccatggatc	ctcaaaaagaa	gagcagcgac	180
ctgcgaactac	gcabctggag	cttgallttg	gtgttctctg	cgcgaatcgc	ctacgtatct	240
tcacaggagt	tttcagttat	tatttcogca	gtctcatgat	ctccatactt	cccaatcaac	300
ctaacagtgg	cgagaaaagcc	gcacaaggcg	ctagcgcacat	tctaatccc	gacaagccac	360
ctggcatcag	cctctctata	cccgactaac	tacttaattgc	gcataccgcc	tttacggnat	420
ctcgctttat	ggcagcaggc	ctacatatct	ctctgnatac	cgtcccgcctt	ccccggcctn	480
cactatctta	ccgtgcacac	gcgtggggtt	ccctcttgcc	ttctccgtgg	tgtccgctac	540
ccaaacccaac	ttctgggtatc	cgatggcctc	tctactcttc	anggactata	acccctatct	600
cgtattggct	tcgggcaggc	cgac				624

<210> 3412

<211> 623

<212> DNA  
<213> *Fusarium venenatum*

<220>  
<221> misc\_feature  
<222> (1)...(623)  
<223> n = A,T,C or G

<400> 3412  
ggttccccgcc gttgctcagc ctgcgctatt acccgctgcg cccatctcct ccgcagcaat 60  
gactctggac aagtccaaga agcgcaagcg gtgagcggcg cctctcccgt gtggttgggt 120  
tcgattagt agtatgtata tactgggac tcaaagcaca cattgccgtg tctttgcggc 180  
atttgtacac cacttatgat tgttactcag gagggcgtaa taacgacggt cagttgacca 240  
ttacactcct tatacggcgt ttggaagaaa tattgcgagg ctaactatca gcccttgcg 300  
acagcctcgg ggatgtatgt ggaggagttg tgaagaaaca aggtgcggta tgggaaagga 360  
aaaagggggcg cggcgattgg aaaatctccc agaggttaga aggacatcaa agaaaaggca 420  
tatggatggt ttatcgtgtg cctgaaagcg cacaaagcgg aatgggtgat ccaaaagagg 480  
gtccgcctgg atgttcanga atctgcccat caacagcaca aaaggagcgg actggtttga 540  
cagcgggtat tgtttctgat tggtttcccc tgggctggaa cttttctata ctttggtacc 600  
tactcgttta aatacacata etc 623

<210> 3413  
<211> 182  
<212> DNA  
<213> *Fusarium venenatum*

<220>  
<221> misc\_feature  
<222> (1)...(182)  
<223> n = A,T,C or G

<400> 3413  
nngtactgn cacgggtggt acaaattgna naatgcgacg agatgaacca nacttagtac 60  
agactgccng acggtagact anttnttacc acagcgttat ntacgntggg ctgtngcgac 120  
ccnaatgcan atgaggagaa gaagtagctc acgccattca gntgtcnatg aaaaccaata 180  
ca 182

<210> 3414  
<211> 122  
<212> DNA  
<213> *Fusarium venenatum*

<220>  
<221> misc\_feature  
<222> (1)...(122)  
<223> n = A,T,C or G

<400> 3414  
ngctgttnac ttggnccctn gataactacg agcnaaccac cgattcnctc taanaaaacc 60  
onattangaa ntaactgtct tcgcacccgc ttggatgled cagncatata tacgtatga 120  
ga 122

<210> 3415  
<211> 197  
<212> DNA  
<213> *Fusarium venenatum*

<220>  
<221> misc\_feature  
<222> (1)...(197)

<223> n = A,T,C or G

<400> 3415

ntagaacaag	aggcgaaccc	gatccnagca	cctacacctg	gcgaaagagc	aacccttacc	60
tattgnnggg	cttacggggt	ggagcgcgct	aattacccaa	agnaaacttg	cttttcttgg	120
tncaaattggg	cttttttnaca	agcanactat	gcngagtgtg	cttgcaanat	ccttaaanta	180
tggtntnca	aaggggt					197

<210> 3416

<211> 114

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(114)

<223> n = A,T,C or G

<400> 3416

ngaaacaagc	gaaangacna	aaggacnatg	antcaggaat	ggccggcnaa	aaacananga	60
cggacgccag	gagctggaaa	tcgcattggg	aaccgatcac	attgngtnca	gaga	114

<210> 3417

<211> 485

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(485)

<223> n = A,T,C or G

<400> 3417

cccgaagctt	ggacgggttca	ctacctgggt	ccagctctac	tttcaaccaa	gtctaatacaa	60
cattcacatc	catattctca	ctgcaacagg	acagcatccg	tacctggaca	gatgaatggg	120
ctccatagac	ccggtctattg	tgtcccgggc	tcattatcca	gcgtgacgag	cttgggttcaa	180
acgtctgtgt	gtgctggaca	gagagacctg	cagcactgca	ttacttcacc	catgggtcta	240
tctggaatca	gccaaaacct	cccagggtctt	gcctctgcca	aagtactgta	ctactcagtg	300
cttttcttat	ccaacacctt	agcagatttg	accctgcctg	cctgggttctg	gnaaaagcgt	360
ccccggaccg	caattacact	tgaccgattg	nagtacatgg	aactgaccac	taccaatata	420
gccatttaga	ctggatcgtn	ccgtccatgt	cccttgccag	gaaagtatgg	cgtttnttng	480
gttgt						485

<210> 3418

<211> 515

<212> DNA

<213> *Fusarium venenatum*

<400> 3418

ctggtaagcc	gggaatatctt	cgttttccgt	gagaacatca	tggaatgct	caatattgaa	60
agtcaccttg	attgggaagg	gataggcgac	atcggtatc	ctgattctga	gtatgctgac	120
tttggcttcc	atgacctctt	gaaagagtgg	aaggacagga	tcttgccctg	atacaacttt	180
tgogataatg	ccggccaaaa	ggggcgatg	agtgatattg	cgtctttttt	acgaatatgg	240
ctcttttttg	ggctcttgaa	ggaggttctt	ggagaaggtc	atggctcact	gcagcatttt	300
ggacagagg	gcaggatcga	taaaagccaag	gtcaccagtc	agatagaaga	atggagqagg	360
agagaactgg	agaatcaaca	aggaaccgac	gagaogctcc	ggogacgaca	acagctcgga	420
catgacaaaa	gactcaatcg	ctaataaccg	agatattctc	acgtgctctg	atggctcttg	480
ggagatgct	tacaagttat	acaaattgat	tgcta			515

<210> 3419

<211> 500  
 <212> DNA  
 <213> Fusarium venenatum

<400> 3419  
 cgcgaaacata ctcacatcatcc ttaccctcgt attggtttctt tgttccgggtt cttggtttatt 60  
 tgatcggaag catgcaattg ccagcgctgt ttgactggcc tcggctttgc acggcatctt 120  
 cggtcctgtct aaattcatct ttgaacctct ttcttatctt ttacctggac aacagccgga 180  
 ctctatggga acatgcatga tcatggcagc actgctacga cgacgcacgc ctattcgtat 240  
 ggaaaacacc ggctcttggc agaaaaagac atctaccaac gaatttcctt tttccaacat 300  
 tcacctagac ttgtttgcat ggatccttgg ttactagggg gtcactagac ggttttctccg 360  
 tatctggcac ctttccccag acacaacttt ggatcattca cccaaggact actactacga 420  
 tttgaacgac agacgctgtc agctagctct taacgacttt cgaaaattct acggcacact 480  
 gcgaaggata taccgccgca 500

<210> 3420  
 <211> 338  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(338)  
 <223> n = A,T,C or G

<400> 3420  
 nngcgtgccaa actacacctt tgttaacccc tacagctagg gttaagacaa tgaaagcaac 60  
 tcaagccttn aaatatcttc catcgacgcn gaccctacca cctnttnaat tgacnaanac 120  
 accgaggnccg cataatncta cacaatttac caccaggagc atacctcant naacacacng 180  
 atgggctggg cgn cattgct tggtnaataa agaaagnacg tttnggngtg gacagangtt 240  
 attggtcacg accacccctg ngatctccca atnacaagcg agtgntncca gttgnttnaa 300  
 aggtgganaa gncaatacca cgttcttggg gacccttt 338

<210> 3421  
 <211> 1097  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(1097)  
 <223> n = A,T,C or G

<400> 3421  
 ccaagccacg ccaaaaaatgt acaagactcg attctcacaa tggggattcg tcaanaataa 60  
 caccgaggac gaagtcaaac gcttggtgtc catgaagttt caacgtgatg ctgaaggaaa 120  
 ggtgtcanaa ttctgttcgca acggaaaagt tgttaatctg ggtacatata tgaaaaggaa 180  
 aggcgtaaact gaatatgata tggctgattt cgagttaccg gctgatctgc cggcacatat 240  
 ccgatgtoga accccaactc caccctccac gccaggttac cttcagtcac cggatcttat 300  
 ccgcgctcaa naaaccaatcg tcaacaatat gagggaaggc tttctacaaat gccggcaatt 360  
 cgaggtggaa acagatgctc aagttgggtg gcagtcgggt atggtttggg gaggcgggtc 420  
 cagtgatctt cttctcgaag ccaactatta tttcgaaaatg aaggatcacg atcaaggtgg 480  
 tgacttcttt gatgaaggca ttctcacaaac tcagtcgga tttgaagaag ctttccccac 540  
 aaggtatcat agagctgctt ctaggcatgg ttcatcgnga tccaggcatg atgactgcgc 600  
 tttccaagta tttctcqqct tattedatga ccaacttcga gcgctcgcct cctttgcqgr 660  
 agatctttgc ctgcttatat gaggtccagc agaagcatgg cccacagaca ctctcggagc 720  
 tactgtgggg aagcataacc actattgctg aggaactgga agctatctat gggcgcaagc 780  
 atccttatgt ggctcgaaca tgggtcgatc tgccatgttc tacaaccacg tcagccaaaa 840  
 agagattgga naaactgggt ggagaactcc gacttttgca gcggcaaatg gaggaccaac 900  
 ttggtgtcga aaqtqconac qttctcgtat tgcgatatac aattatccag ttgatgttgn 960



aagaacgtnc	taaatnecac	ccgacgaaca	agcgaccatt	ggatttttgg	cnttaatttg	1020
aaaagggatn	gggattccct	tttcccttgc	cgaagccagc	aaccaantgt	ttttntttcc	1080
nccgtccctt	ttaaggg					1097

<210> 3422  
 <211> 248  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(248)  
 <223> n = A,T,C or G

<400> 3422	
nanccgagga	catnganaaa
gtgccttggc	cangnttgag
gaaaaganca	tgtatanaca
60	
tgaattctcc	gtgagactga
ccttaggaga	ncgcngacct
gnanttgctg	agggaggata
120	
tcgaaaagac	gacttncctt
tatnggactt	aactgggatg
gggagtagca	atgcccttct
180	
aggaactnct	gggctttcaa
aagaaccacc	cctnatnggg
gggccaattt	tccttcccaa
240	
nggccaag	
248	

<210> 3423  
 <211> 134  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(134)  
 <223> n = A,T,C or G

<400> 3423	
aaataggcga	tgggaatctg
atgacaggta	gttcagtttc
tggctctctt	atacacaacg
60	
acttgaactt	tataagcata
gcttgagacc	gcttgacagt
ttanagactc	cgctgtctta
120	
tatccacca	cttt
134	

<210> 3424  
 <211> 639  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(639)  
 <223> n = A,T,C or G

<400> 3424	
ttctgggtta	atttgaccac
aaatcttccg	acctctctac
tcattgaagc	gaaagtggaa
60	
tcctctttcc	ccctttccct
tttataagaa	tacacggctt
ggactcctac	aaaatccgtc
120	
tttactctgc	atcgcaactc
ctttccgtatc	agagagagat
tgctgtcaac	cgctgagget
180	
ttgtctcttg	gggagacnaa
aacggcatcg	cgcttacacg
ttcacaactt	acctattttg
240	
gaaatcaacc	tttgagcaag
agtcgatgta	gttcaagact
cggcgaagcc	ttgaaacttt
300	
gctcgtcttt	taaactctct
tactattctt	aaaatatcac
attctcgacc	aactatttga
360	
tgattccaca	cttggggagtc
tgctcaacct	accgaaacaa
tgtcgaatto	catcgccaac
420	
tctggtctta	tcaagcctcg
aagagaaccc	agagacacag
qcttccctga	qactctcaac
480	
aactttcgca	acacaaactct
ccacatccc	gatcgggatc
tttcacaaaa	cgcattgcctt
540	
apccaaagaag	atattgacct
cgattcgggc	tcttatgcga
accccgggga	tnnttctnag
600	
gaaaaagcga	caactntgaa
ccttgccgt	ttactccgg
639	

<210> 3425

<211> 584  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(584)  
 <223> n = A,T,C or G

<400> 3425  
 aatnaactttt tttttttttt ttttttttng ggnccaaaaa cgagatcgta atcaagtga 60  
 ttattctaaa tagtcatnaa tgnccctcaa aaacttgctt ccaaattatt tcatgatcat 120  
 gtataaacia cctcaactc tgacagcaat accggaaagt tgtttgacia ccaactntgc 180  
 gttcccaaga tccaacaaac cgaatntcatg agataacatt taacaattgt atgtgcagat 240  
 aaaacattcc atcgncaggc cacagtacct gtttcataaa gagaaccaca caatttacat 300  
 ggggtaggag agaatgaact ctgntccgtt cagtgtccan ngccgtagtt tgactgogca 360  
 ttgacaaaaa gtgcgtctcg ctcatcatct gntttcatnt caaccttntt ctccacaaac 420  
 atcctaccct taatggcaac gaatacggta aggatgatac cgactagggg tnccaacagc 480  
 gccanccggg gcgttgatag gtgttgatt tcatgaaacc gggcccngg ggtganccgc 540  
 tcnanaaccg actggacaac ttgagtgatt cccganacnc aagg 584

<210> 3426  
 <211> 524  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(524)  
 <223> n = A,T,C or G

<400> 3426  
 gaatgaatta cacactgatc ctatctatca acggaccctt cactctatca ggccccgata 60  
 actctttgtc ccttgacaaa agcggcaatc ttgtgtttga ggccgatgga tgggaatacc 120  
 ctcttcgtca cgtcagcaac gacnacgctt tgaaactgga tccaggatcat cctggtcgga 180  
 tctgggtcaa cacttcctca tccacacacg agcccgctcaa aatatcagtg cctgctgaga 240  
 ttactctaag ggcagatgta ctccatggta cgggtggtgt gactggctca aagttgatag 300  
 gaagatttga agtttttgtc tttggagggc ggaacacgca gttcagctgg agtcagatgg 360  
 cgtttgttgc gcccctggat gagatcaaaag gggaagtga tggcttaact ttgaatgcat 420  
 ctaccatggt ctccgcgatc gacgcagatg agaagacgtc caacgttcca gganaganca 480  
 gcgctgttcc caccacagat ttgccaggct tgattacggt cttg 524

<210> 3427  
 <211> 263  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(263)  
 <223> n = A,T,C or G

<400> 3427  
 aattngattt tcttaaanac cgtcngacgc tagataagga gtaggcagag gacgttatat 60  
 acaatnaact tggcgagatg aatgcnatta gagatgacac tntccaagct tataaaggta 120  
 tagtccggagg gaactgggaa tagaaacaga gtatgataga tagagcgtca gtctgattag 180  
 gcttgagcca ccttgccatg gtcattagag caggcagtac tcacgaatcc ttgtggttct 240  
 tatcaaaatt ataatagttt att 263

<210> 3428

<211> 288  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(288)  
 <223> n = A,T,C or G

<400> 3428  
 ggaattttgc cgatgggtgan gganaaaaaac agttgcctac tgnnccgagc tcgcccgtac 60  
 agcagcagtc ccagccctnag tgtcaagcac agcctcnanc agaacaggac tctcgcatgc 120  
 gcctgcattc cctcttggat taattgttca accccaacgc gctcaacgac ttcgccttgt 180  
 gccgagctnt gtttagagga aacattggcn gncatacaac acatttgatt ttngacaaan 240  
 gaaaatccnc gccttttaat ggacaggtag cgagttaggt gccaacat 288

<210> 3429  
 <211> 523  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(523)  
 <223> n = A,T,C or G

<400> 3429  
 cgtgcaacca accccgatcc aacgtcggaa ccttgagccg aaagggtttt ggcaatggat 60  
 caatgaaata tggtccacac gagaggacaa aaggccacag ctggcccatg aagcacacga 120  
 atctcacttt ctccggetca cattttcaca acctatgggg tttttcttgc atttcgagat 180  
 accaggaagg cgttgacatt ttatatgggg gaatgggaac acatacacia cagcacaaga 240  
 acgaacactc ctcaagtgaen aatgggggtca cggatagggt acatgcataa gcgggctgag 300  
 cgactgttgc tttgcacagc gctntcagta atgtcataag gacatgancc gactgcttac 360  
 ttttcgattc aatcttatat tttactgcat taagcacagg cggcctcgac taagcaatct 420  
 ttggttacat ggaaatggat ggattgtctt tgcgattaat cttgggttga acaagttgta 480  
 caancatcag tgttggcttc aaagtctgga tataatatgc agg 523

<210> 3430  
 <211> 591  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(591)  
 <223> n = A,T,C or G

<400> 3430  
 ccatgtctcc aatgcataca atcaatttgc aatcgcaatg ctttttggtat ccaacactgg 60  
 aaactgqgaa caatttqgatt gaccaggaaa cgcagtaatt cccttgatgt tttggtgtct 120  
 ttttgaatgg acgtgggtgat ggggttttat ttcaactctc aacctttggt cgatgtcatg 180  
 ggaacttccac ttgcctttgc cttgcgatga tggggcctgg ggatgctgat aagggtgaqg 240  
 actgtgcttc ggcaattggg cttcacgggc cagatatcgc tgggcaaaaag aaccataacg 300  
 gcactcaacg aagcaaaagca accggagatn gattggggcc tcaagaccct tttgcaccca 360  
 ttttatcaaa tccaaacctg aagcacaaaac ctttatggaa aatttgtctt tatonnagggc 420  
 attttagctc tgatccggcg ggnccagatc gacggccatg cagctcaatt gtccaaatct 480  
 gacacnccac ctcccaatga ttggatgact gcactggcgg caataaccgg ccgggggcact 540  
 ccacttgaag gggcgggcagc caacgtggaa ccccaaaaant ctgcagacc t 591

<210> 3431

<211> 330  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(330)  
 <223> n = A,T,C or G

<400> 3431  
 ncgcctgtgg agtcgaaaac tcctctccat tcgnatcaa tcatgcacga tggactatag 60  
 accgaatgtc atcgnotcaa tatcaattac tntgccactt gcagcgactg tcctngnaact 120  
 tcgactnttt gcgcgacggc cgacgagggc cggatatgga attgacgatt gcntggcggn 180  
 agatgccttt atcggagctc tnggatactc gatagacaat attgantggc taataggctt 240  
 nggactcgga gtaccactca aagatggccc agcgcacctn acccacgacg agcgactcga 300  
 acgatcatat gacctgaagt ggatcagaag 330

<210> 3432  
 <211> 584  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(584)  
 <223> n = A,T,C or G

<400> 3432  
 atcaaggatt atctataaat aaacatggcc tcttattggg gaagcggcac cactgcccag 60  
 gtccatattc tgggtttgaa ctgaatggcc gtacagaatt cncctttcat atanccccgc 120  
 aaccagcctc tcaaaaataaa ataaaatttg ggtggcattc cctgacatca acaacctgaa 180  
 gacccaatcc atccatcttt ctccaagaca cacatctaca aacatgaact tcacctgtt 240  
 ctgggtgttt tctgancagc ctcgtttaac acatgacctg tcaactgagt cttttgaact 300  
 cagggccgtc gggggaccgc atatctggcg gaccttctt gtgctggagg gcgagacaat 360  
 ttcaacggtc caatctatgc aactcctctt gcactaaaatt cgttcaaaaa ngccaaggtc 420  
 acngtatcag ccaattttca cgcgccatac tcccangggc gtcttattct gtttatgccc 480  
 gaatctgac cgaactgtga taccgatggg cagtcgtcgc cccttcactt ntcnccaagt 540  
 acatggatna aagctggaat tgaactcctc gatnatcanc attt 584

<210> 3433  
 <211> 313  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(313)  
 <223> n = A,T,C or G

<400> 3433  
 cgcacacatg cctgctcccg tttnttgggg ttgacnaat atcgggggtt cgtggtaagg 60  
 aaagtgggtg aagtttttga gctgtgaact tcaaggcaaa ccacaagaac tttatgctct 120  
 ccgtggcttg aaagagttag ttggggggtg tcaatgactt atctagacgt ggattctgtg 180  
 attcagggcg ttgatgataa gcgaattgat aggactatcc tttgttagta ttaaaaacag 240  
 agangtgaca agagccaatt tctttgaact tcttgacaat ctttacctga tattctatct 300  
 gcacaaaaaa taa 313

<210> 3434  
 <211> 145  
 <212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(145)

<223> n = A,T,C or G

<400> 3434

ngacaagatt	ccctattctg	ataaccncta	ggtnccccc	ccnccgaanc	ccgngtgggg	60
tggttaacta	agaanaagat	atacccccant	tgcccaaacc	tggtatggtt	ttgcaatttc	120
ttnnctagga	ctttcggggn	ttaac				145

<210> 3435

<211> 307

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(307)

<223> n = A,T,C or G

<400> 3435

tctgagctct	ccatctttcta	catctttcccc	acgaaaaaac	tctgaccata	tatctcgtgt	60
gaaatcactc	tgcgggcccc	acatagctgc	gagctacgct	tgcgtttccg	tcttacactc	120
tgctttctta	tgcatttccc	ggctccgccc	cccggagata	agaaacgact	acgcttaagc	180
cgnggcgccc	ggttntttt	ttgttaccac	caacctcgta	cccatcaact	tgntcgaggg	240
attatactaa	nancttgccg	ctcattggga	tangaactgg	gggantaaat	aaacttgacc	300
aactttg						307

<210> 3435

<211> 617

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(617)

<223> n = A,T,C or G

<400> 3435

accagtagtc	atatgcttgt	ctcaaagatt	aagccatgca	tgtctaagta	taagcaatta	60
tacagcgaaa	ctgcgaatgg	ctcattatat	aagttatcgt	ttatttgata	qtaccttact	120
acttgataaa	cogtggtaat	tctagagcta	atacatgcta	aaaatcccga	cttcggaagg	180
gatgtattta	ttagattaaa	aaccaatgcc	cttcggggct	cactggtgat	tcattgataac	240
tcctcgaate	gcattggcct	gtgcggcgca	tggttcattc	aaatttcctc	cctatcaact	300
ttcgatggtt	gggtattggc	caaacatggt	tgcaacgggt	aacggagggt	tagggctcga	360
ccccggagaa	agagcctgag	aaacggctac	tgccatcaact	ggttcattncg	cgaattcgaa	420
atgcacgggc	gaggncccaa	cattatttnc	ngcatctttg	gcgtcatnca	aactgntctc	480
tacattgact	ttgcattggg	ttactacact	cgcctagagag	taagctnccg	ggnggcggna	540
tcgttgatgc	ccatgatatg	aagccgcaac	ttggcttttc	cgcgcatttt	tttgnaagcg	600
cttngctcan	gaanagg					617

<210> 3437

<211> 344

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(344)

<223> n = A,T,C or G

<400> 3437

cccagaaaaa	gcaccatccc	agacaccaga	taacgacgag	tgcgcctaaa	tcatgacgac	60
ggccccgtct	tcgggctctt	ctcggccggc	aactctatct	gcacagagt	caacagcacc	120
agcagaaaaa	tcattgtcat	cagccgggga	agtcctatc	gttcctactg	tggagatcca	180
gcacttggcc	cgcttcgaat	tcagtgatgc	tggcacaaag	gttccttatgg	tggaatggta	240
tcctgatgct	gtccaaggcc	ccgctgcac	tgcgcatcct	tcgcccatt	cctccggtga	300
acgtccggtt	ccaactaccg	atcanggttt	ccgaannгаа	ccgg		344

<210> 3438

<211> 1013

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(1013)

<223> n = A,T,C or G

<400> 3438

ccttgctgga	cacggaagtc	acactccgct	tactaacgct	ctcgatctcg	gctggcacgg	60
cgttcggaga	ctcactcaat	aattgtctaa	cctctatttg	tcgaatttcg	ctgatgattt	120
gggtgttagt	tgtgctggac	tgcagctcca	gctgttaaan	aaatgctatg	tcaccatcaa	180
tcctggttagc	atctcgctct	gnngggggcga	actaagggtc	agcactgact	gagctcccca	240
ttgctcttcc	tcacagtgen	aaaatgactg	gttggacca	gactcgatgg	gtaggcatgc	300
aggaaacaag	atcggacgga	tttgatctct	tatgattcac	caacaccgct	ttgcatttgc	360
atcttgctct	gcttgacctt	gtcctgttaa	tatccttgct	atactaccat	atcaatatca	420
actctatctc	actggcacca	acctgatcg	gatactctac	cgactgcagc	acagtagtcg	480
actaacttga	tcttgactgt	ctgacgatca	actgagatca	ttgcatacag	ctagcactag	540
cagatgctct	tgatgaggca	ccttctccgc	tcctgaggcc	tccttggttg	ctttgcttta	600
ttatatctcg	cttaccacca	tcacgcatct	acacaatatc	ggtattgcac	actgacttct	660
cctatacatc	cacatcgctg	tcctatatac	acacagtcta	ttgagacatg	acgcctgata	720
acagcatcca	cgccgcccac	ctgccatcta	tcgaaccgct	tcgaagtagc	tcaaggcact	780
cgaccgcaca	caatggctcc	agcaccgctt	ttgagcctgc	catggccgat	gataatgaga	840
ctatcgctag	aaacgtcttc	gcacatgacc	gatgtcgaga	gtcagactac	cggcaccgga	900
cgttggcagc	ccaatcccat	tgacaatgga	tcogtatgac	cttttccgng	gnttacaaaa	960
caanagtctg	gacttcgccc	atatcaaagc	cacacgttgc	ggnagcgggg	atn	1013

<210> 3439

<211> 535

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(535)

<223> n = A,T,C or G

<400> 3439

ngctggcgag	gcataatatc	actaagcttt	catttttgata	ccacgtcact	cttcaattcg	60
ttttgaatat	ttcatcaata	tcgagatccc	gcttttcgtct	catttgtaacg	ctccctggct	120
gtcaagtctc	gcccctggaag	cgtttaatat	tgattgagga	aatggctcgt	ctgttggttc	180
tcacgcgcag	atgattgaca	ctagtctcatt	tcatacaagtt	caaggctcact	ttgattttatc	240
ctgggttcttt	tcattgcgct	tcatacaaaa	atgcgtgtca	cgcattgtctt	ttcgccgggtg	300
cgatcgacac	tatatagtg	gatgaagtaa	aaaacatagt	atcattgctg	gtgagattct	360
tatcaacaat	tcgttcgctc	cctgcctggg	tcctacatcg	actcaagctc	gcgcctgggg	420
acaaactcga	cgtgtcatcc	gtgtttacat	gggtgtgnac	agacatcatg	acaagcatgt	480
cttgacccca	cccancqaat	caggctgttg	gggatgttgt	ccgtccaata	tcgag	535

<210> 3440  
 <211> 590  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(590)  
 <223> n = A,T,C or G

<400> 3440  
 ctttggcgag aggttctctc gaaatgtcaa ggctcccgaa tctccccac aaagtccagc 60  
 ttgggtctct cgaggacttg tacttgccag tgttcaagca gcaggccact ggatcgcaat 120  
 caatactatt cagagtacac caggctatga gagtgttctt acattgcaac tgatacttct 180  
 cttgttcaca atgccccgtc ttggctgggt cgcgatagca ccgaaagaaa ttcattgttc 240  
 cgaatcaaaa gatctgacgg cggcatgttc agcgtctctac ggggaggggt tcttgagat 300  
 ccccaacttg tattcaatga ctacgggttt gaattatgga ttctgcaatg gttcttattt 360  
 cgggtgttttg ccttatacag agttgggata ctccgcttgg atgatgtacg gcggganccg 420  
 tctgttgggt cgttgcgtgt gctttgattg ttgtaattgt catccgaatc ctgcgtccag 480  
 tattcgccac ccatactctc atatacacag tatcagaaga actatccaag tgcganggca 540  
 ataatgacac atcaacaaat gaaagaaatg aaactgggtca cttgttgatc 590

<210> 3441  
 <211> 913  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(913)  
 <223> n = A,T,C or G

<400> 3441  
 ccgacgcaga ccgagacgaa gacgttacct tacgtttatc accgtgttag cccatcgcca 60  
 acacgctctg cgaatatatt ccaagctgcc catcttctgt aagagctgct ttgattaacc 120  
 ctgctccgcc atttactttg gccccagacg acgaccgacg aaccaccgtg tccgtcttaa 180  
 aaaaaccgac tccaaattca ctgacgcgcg gcccgcttgg ctgccccaac acaaatataa 240  
 tacaagacga ccgacagtag acgacgagaa cattacttct catcttcaaa agaaaaagaa 300  
 aagacgatcg agtggcctgt ttgctactct tgacctgttt attgtacaaa ggcgacgaag 360  
 cgctacatat ttgttgacgc atacctatta tctcgacga aggataataa caaaaactcg 420  
 cgttgacggg gttttgttct attctctctc ctggcttgcc cccattttct gacgcctgt 480  
 acctacgtct ctttctggta cagttatcaa caaccaaagt cgggtggcca ctgcggcaac 540  
 ccgacgacg aactgttctt gtccctgtat ttgacgtgat ctgattgctt tgcaattcaa 600  
 ttcaatatcg acaatctgct tgattcgctc ctctgctcga ttctgtttca gctctcgaaa 660  
 gcttccgcag ctacaacaaa gcctctcgct gatagaagag acgtgatccc ttcacggggt 720  
 ttttgggaag ggcactctat catctgctat catattccac tcgacaagtt acccccgcga 780  
 gtgggttctga taagcgatct tgaatgccgc cttcttctcc ccacgcgaac ttcctcantt 840  
 ctacgcgggg cctcgcttgc cagcaatata tcnaaatggc gacaccaagt caattcaatc 900  
 atatacagc tac 913

<210> 3442  
 <211> 802  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(802)  
 <223> n = A,T,C or G

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<400> 3442
gaatttttttt tttttttttt tttcaacgcc atcacttctgt attcaagagc ctactctaca      60
gcttggaact aaccgcgtatg gtgtacgtac ccgttagctc tatctccgca ttcaaccctg      120
ccccctgctag tccgttcatt gcgcggcaca ggggggcagtc tccccccgctc ctgggtctaa      180
ctacactacg gcatgtttct tctgggtacc tcgtgctcca gtcaagaggt gatgctcgca      240
accgggtgca caaacgagtt gaaagcatat tccggaagtg ttaatgtcgg tcaagccaaa      300
caccacgacg cgggggttcc ttgnggggtct ttcgtcaaca atcgcgggtca agccgggncc      360
ggggtgatga cacttcttct ggtcttctnt ctcgaccact gngggctggt taattggggg      420
tgtcaaaagt acaactgntt tggncagctt gcttggtggc gcttgtaaan gtgctttgat      480
gccccggtac cgacgaaata cacgacgatg cgaaccttnt gttaactgnt tactggangg      540
taaaatgacg ggcagcaagg ggaatacccg ggatgggcgc caacatccgt cngtctnatg      600
cttnaanacg actttttatc ggttttgggt gcattaaagg atgtggatct cattattggg      660
actttgggga naaaacccaa tcggggggnc ggctccttg gcnnaaaacg gggtaaannt      720
tttggacttt ggggtgaaant ttgtaaccng gaagggggaa ttnaaatcg ggggtccatt      780
ggnatttggg aacctcccca ag                                     802

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<210> 3443
<211> 300
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

```

```

<400> 3443
gggaagcaca tcgaaagaca tcaagagaca tgtcccaagc cgtacgactc tttgtgaaca      60
gagcgaaccg agctttacaa atagggggacg tgcattgatgc cattttgttg ataatacatg      120
taggtatggt gggttgagaag agaagatatg atatgaatag ttttggcggc aaaaggggat      180
gtggatggtg agtcanttan accaaagagg taaatatgta gtctgaatgc aggcctaaat      240
gcatgcggcg tagacaacca agatctcaat cgtcaaacct acacaatata cgagatgcan      300

```

```

<210> 3444
<211> 152
<212> DNA
<213> Fusarium venenatum

```

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<220>
<221> misc_feature
<222> (1)...(152)
<223> n = A,T,C or G

```

```

<400> 3444
ngcaagtgtg ttngaaaaac tnactgccgg ngaccacgtg gggggaattc tnaccaagtt      60
cctnagcgcc acctacanat ntattatata cngcctcngc cttecgcgcan ggcttcgttc      120
ngatccaatt tcggacccct gggagaggag at                                     152

```

```

<210> 3445
<211> 119
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(119)
<223> n = A,T,C or G

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```

<400> 3445

```



natggggnaa cctcccaacg ttcaaaaaga agttgnntat agcctttcgg ggccatatac 60  
acagttatcc aaaacgcgac tcncttgttt ttgnhgtggc tggcccgaag taanaaaag 119

<210> 3446  
<211> 170  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(170)  
<223> n = A,T,C or G

<400> 3446  
ngatttatatt ngacntggaa cgtaatgctn nccaggatga ggnacagcta tnaggaatca 60  
gagggcgtcaa anaagcgcat cgacagatgt tctgatcaca ctatntctgt ataacctata 120  
ctctantgac tgtctagggt gtgcttactn gacagntca atpaccctgg 170

<210> 3447  
<211> 336  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(336)  
<223> n = A,T,C or G

<400> 3447  
tcanaacagg accctggaca aggcagaagc ggccaggcaa aagttgatgg atttgcaag 60  
tcttttcaaa tgaacgacga atggggcccg ttcattggagc agtaacgact gcattggaaca 120  
ggagtttttg gtgcgatttt tttcttatta ctatttttct tgcggacttc tgcactcact 180  
ggcagcgagt cgggttcaggc tcaagtggca tcatcctggg gcgcgagtgc gcaaaactttt 240  
acgggttact ttattcggtc tggggtaagg ctatacttct tgactctcac gagatgggtt 300  
tattatttcc ggcttgcac attgggtttt tttttt 336

<210> 3448  
<211> 338  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(338)  
<223> n = A,T,C or G

<400> 3448  
nggggtatcga aactngagcg tnttntactt ggacaccacc anncacatt gggctggtgt 60  
gggtcccatg ccttccatcaa acttgccggag tggtaaccgg agactggnaa gggtgggctc 120  
ggacccataaa cntttccatgg ccccaanaag gctcttctga acnttttcc cccagctgac 180  
ctgtaccatg gtttagngga gggcgtaaat aaatatctca ttctnggncc ataacggagg 240  
ctcaccanct tcttgccgat tttagactct gtgctgatgc gtgctgagta aggggaagag 300  
gancggantg gatggcaca ggggnttaac ccgaaggg 338

<210> 3449  
<211> 462  
<212> DNA  
<213> Fusarium venenatum

<220>

<221> misc\_feature  
 <222> (1)...(462)  
 <223> n = A,T,C or G

<400> 3449  
 gtgcttctat ctatcgctg tctttcttct cttggggggc ggctcctttg taaccggcac 60  
 nctgggtctgt totaccataa gcaatacgtg aaanccggagg catagaacag ccgtgttttc 120  
 actcgctgaa ccttatcagt catctggaac tgttttgagc caactctctt gacatccaca 180  
 atgancattc cctctgtggt gtcttcatng atcaccatnt gtnatgcntg cgttgctttt 240  
 cattccgggt tattatctcn cggaagacga caaccctct ctagaanatg atttactact 300  
 tgagggttctg tattccgcna tgaggtagag ccgtnactgg atgctantga tattcttggg 360  
 ccgcgaagtc ntcgattcga accagtagat taaaagggtg acttacttcg angctcacca 420  
 tcttcacagt attgcttctg ttgctctttt naagttcaac tt 462

<210> 3450  
 <211> 621  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(621)  
 <223> n = A,T,C or G

<400> 3450  
 ccagaatcaa agctaagcgg tagatcgcta tccccctttt attccttctt cttaatccct 60  
 tgtatcggtc tgtctcctca cttcttctat ttccattgpc gtaatctcgt ctgggaccat 120  
 caaactcttg actaaaaagc caagccaggc tgtgcatgag gaaggtttct cttgcttgte 180  
 tcacaattca ttccatccca ccgttccatt catcatacgt ctctacgggtg actttgacat 240  
 tgccatcctt tacttttacc acttccatct tgtcgatctg tcgatagcta caaaagggtg 300  
 ctccatcaaa ttgggtctggt gtttctgcag cagggatcac aagcagggcg accatacacc 360  
 gcagatcaca ctagatcttg tattgtgttt caccataact cgatttttagc ttgccttcta 420  
 tctaattact ttttctccgt ctttgatctg acctggcctg gtcttcttct ggatttgnac 480  
 attcgctttg gtctgttacc acttatacca aacgagggcc tgcttcacga ggtggaaccc 540  
 aatcagtgcg cggacctgag ctgtgaaagc ttgtcatact aaagcgactc gactcctatc 600  
 gcttggtgac ccaatacttt a 621

<210> 3451  
 <211> 495  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(495)  
 <223> n = A,T,C or G

<400> 3451  
 totgggttccc agatgttcat catgtaccag gacggaaaag ggcaacgtca ctctgaagcc 60  
 caagaacnag gaanccaggcc aatgttaatg ccaggtttac tctaaaaatg gatgggaacc 120  
 cgaagctggt tggaaaanggt tcnnggaatt caaggaaata atgaagaatg aattgnccaa 180  
 cgttttgaat gcaacgaact ggnagaact ttgaaacctc cnagggggttc tgacttggtg 240  
 gatcgccgac tggtgtttct ggggactccc tgggtttoga caagccctc cgaanccatt 300  
 tctcngcacg atgaaaaacct acctttgatg tcaacttgcc aaancccgat gactccatag 360  
 caaccgctnc cttccccccac acaatcangg cagctccnct ctggtqqqct gcttcqaaaa 420  
 atccacccgcy gtgcaagcaa cagggttaac tggtaconggt atcatatttt attgttttca 480  
 tccctggata cctct 495

<210> 3452  
 <211> 565

<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(565)  
<223> n = A,T,C or G

<400> 3452  
ttgggagtcg gacgaggaaa accgcacatt tccaacgacg tgctcaattg gtagcacagc 60  
agctgtgtca ccagacgagg gacctctgat ttgcggttc gccacgtcta cgtttgccg 120  
caacgagatc cgaccacagc ggaggagcgt cggcggttga atgtgaagga atgattggag 180  
tacattgttt ggtttatacc ccgcgttttg caacgttttt gatgacttta ttacattcgc 240  
atgataccat ttaccatat acgatagcta ccacctagct agactacgtg gtacttcttt 300  
ggatatttga cattgcggta atggataatg aattggggga actgggttcg gataaaagga 360  
tqgaaacctg ggcggcaggc ttgctctaaa atcatgcctg ttacacgatg gccactttca 420  
ataggcgagt ttgcataac ggtgtgatgg aggcattgnc tagatagtca cagttatacg 480  
cctaaagcgg tttnacaaag atggtacatc gtogaattct tttttttttt tttttcaaaa 540  
gtttnttggg gtnttagttg aactg 565

<210> 3453  
<211> 139  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(139)  
<223> n = A,T,C or G

<400> 3453  
naacttcenn aacccccgcc ctnttcacaaa naaanatttc acccatnaca tgggcttaaa 60  
atcttgacta gaccttttcc ttcccattaa caaaaacccc atgtatggtt ttacagaggc 120  
ttgccnccga tgaagttgg 139

<210> 3454  
<211> 136  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(136)  
<223> n = A,T,C or G

<400> 3454  
notggcgaac cattagctaa ngatcttctt ggtcaagaac ctttttgnat gatcgcaant 60  
aagatggcnn aactgatatg gctttttggt natctggatg aagtccttac cttnactagg 120  
angacgaggc ttttaa 136

<210> 3455  
<211> 104  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(104)  
<223> n = A,T,C or G

<400> 3455  
 nataccgang cactactaac aataactgcc tcgaccaggt cttgncgtgn ggcttactga 60  
 nttnggtgat aacgcgaann tcaactanga tcaaccatcc acaa 104

<210> 3456  
 <211> 350  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(350)  
 <223> n = A,T,C or G

<400> 3456  
 nanatgtcc attnaactgat gcttactnagc gaacgggactt gngcgcdaaat catgaagatg 60  
 atggccgggca tgctagcnat accnagggan ttacggggnch actcgatcgn atatagctct 120  
 tgcntgatga aggcaatngc actgctgacg agcttgtnga ggctcgtntca aaacctgctt 180  
 atntgnagct tttaaacaga cctctccagg ccaaactcttc gcttacttta tggtnacna 240  
 ttacgtctaa aacanaantg gtagcgagtt tgacaatttn cnggggacnt gcattacatn 300  
 tgctcgcgct gcanaatgtg atcttncang gacctnttct gaacttcggn 350

<210> 3457  
 <211> 507  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(507)  
 <223> n = A,T,C or G

<400> 3457  
 ngaggaaaaan taaantttng cccaagggat ganaccggcc cggacttgat ttgacatgag 60  
 gcgttgacat gacgatntat ntcaacactg aacaatgaat gactttcaac gcaattggga 120  
 tctcgaacga aggatgtgan ccatgcttat gaanagacca tatcttaagc tnggtttaca 180  
 tcgtcatgat acagcatctt tagcttnttg aaccctatca agggctaccc gttccaacaa 240  
 taaaagccac gcccggttag ctcaatcggt agagcgtgag actcttacga gtaccgatc 300  
 tcaaggtgac ggggttcgacc cccgcacggt gctgttccta taaagtacga ttgcaaacaa 360  
 gcgaggcact tctttttttt ctctctncca tttttggggg antgggtttg ttggaaaaan 420  
 aggagggaag ttgngngngaa aaattcggtg acctggggaa aaatnggctt gnttttttga 480  
 tcangaaact ttttaanaat ggccgcc 507

<210> 3458  
 <211> 353  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(353)  
 <223> n = A,T,C or G

<400> 3458  
 ggaaccgngg cagccttgtg tgccgttnat nacccgctgg ctgtgantga acatqgtctg 60  
 tttgcgttta cttggpacat ttatgatgag aacaccaato accacanaac attgaattaa 120  
 aaggcataag cgggtatttg tttttatggc attatcttgt cttgggttgtt gcaattttat 180  
 tcaaggccca agaccagaat tncaaattaa atataattaa ataacttaac tactaagctt 240  
 tgtatataga tatgaaagta agaggagtga cggtttatta caatattgat taggtagaat 300  
 aaagaagcct tcaaatatca agantgacaa gtatcattta tgattagaaa aaa 353

<210> 3459  
 <211> 176  
 <212> DNA  
 <213> Fusarium venenatum

<400> 3459  
 ccttcagtgc cgtgtatcaa atggcttgag cgggacagaa caacgggttc gagcagcaat 60  
 gcaatccctt cacagtatca tatgaagctg ggttctggca atatgattat tgcaagtata 120  
 aagataactt ataaccaatg ctacactgta atacttggtg taccaatttg acaccc 176

<210> 3460  
 <211> 104  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(104)  
 <223> n = A,T,C or G

<400> 3460  
 ntttttcttg cggccnganc gagcattgcn tnatagaggg cccaatntcc ccenatagtg 60  
 gngtcttatn anaattcant tggcccgctc gttntaanaa cttc 104

<210> 3461  
 <211> 273  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(273)  
 <223> n = A,T,C or G

<400> 3461  
 ctctcgtaat aaatccatcg gagcgagaaa tgaaactcaa aagcgtctaa tgcgaaactg 60  
 tccgatggag tgaaggggaag tgtgactgac ccttgaggcn gtgtatcttt ttgggtctca 120  
 caaggtaaaa gaggatggat gctgcgatgt gatgtgaaag ccactgagtc caacaaacat 180  
 ccagatacag caggtggtgg ttttgatcag cggattgata cccaacaacc agtattatgg 240  
 acagatgctg ctattattat gacagttgtc att 273

<210> 3462  
 <211> 239  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(239)  
 <223> n = A,T,C or G

<400> 3462  
 ctctccggtt cctacacctc gctctctctc tgcccgtagc gacaacctct gcctcacaac 60  
 ctccaaccac ctttggatat atcgacactc gcctctcttg agcctcaaca accgacaacc 120  
 ctctctttctt caacctctcc ttttccggtc cgtgggtggt ttgggtnatt ttttttctta 180  
 cgagacccca tctttntctt ccttatngac tccttaacct tttggcgatt cctcgccgt 239

<210> 3463  
 <211> 220

<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(220)  
<223> n = A,T,C or G

<400> 3463  
ccaggtcgcc gttgaccaag taagtgcggt tgagtatgtc tcgagacgga atcccgtccg 60  
aatgggtaac gctgcgcca tcgcctacgg aggctgcaca gcgggcccga gctgtcaacg 120  
cttgatgccca tacaagaacc tctaccatgg naattttntt cggctcttngg ncattttccat 180  
ggtcntgttt naacggaaaa naaactgtnt gnacgtacca 220

<210> 3464  
<211> 487  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(487)  
<223> n = A,T,C or G

<400> 3464  
ttttgataaa aacaaaacaa aacaaaagtc agacaaactg taccacattt ccattctcttc 60  
tctatcagca cttgtacgac gccatcacaa caagaacaac cgctcccgcg tccgctagag 120  
tagagctgct aaaccccga tcgtcttgag tccagccctg ttctgtcaag acaaattcgt 180  
tttgtcttta taataatatt gccgcgctt tgcgacatac tacgccaaca aaagcgcacg 240  
ttttttacga tcacgactcg cactgacttta agacggaata gctatagact agatcagcca 300  
gatecgtcct tagctgaatc gccgctaaaa ccaactacga cgctctcaag acgtttttaat 360  
ccaatccaat tctcatcaac aaagttagcc caaggcttct naacctcttc tttcaaaggc 420  
gaatcgtcgc gccttagcga caaccttaca ggcattgtcta ccattccagca acttaagaat 480  
ttcatcc 487

<210> 3465  
<211> 206  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(206)  
<223> n = A,T,C or G

<400> 3465  
nccccggcaa naaaacccgc gttttggcna caggaaaaag cgctccaana cccgcangga 60  
gacttactnt ttatcatnta caaggngag tttaatcgcc ttttacctat gntcgnataa 120  
acccgtgggg cnaattggan tctagnctt aaagcnggtc cntccgncac tggntttcna 180  
aacggccatg tccntctga ctccctt 206

<210> 3466  
<211> 123  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(123)  
<223> n = A,T,C or G

<400> 3466  
ntacaacaag gaactttant gtnagacata ccgacacntg gacccgcttt gngttggatg 60  
gaccgaanan aggccgtcaa caaaggcntg ggatatttgt catttacaac cgggtttacc 120  
ntt 123

<210> 3467  
<211> 105  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(105)  
<223> n = A,T,C or G

<400> 3467  
ntaaaaacct ntaatcatat cttgtttcgn cgaaaganct taangaggcc ctttataaga 60  
accctccgnc aacgatcagc accgatnctg gagttattcc tttct 105

<210> 3468  
<211> 580  
<212> DNA  
<213> Fusarium venenatum

<400> 3468  
ttctttgtct cgteccatc aagcaccoca cttacaaaca aacatcccct tttttggtgc 60  
tgaattaaat aaagacttca tgagcaatca atttgatcat tgatgaatac aactgactct 120  
tcttcttaat tgtactttta tcccccccat ctttaatctc gaccgcttga aaaacgacat 180  
ctgcttctac acgacatcga tcttcacaga tctctcttca cgaatcttcc attgcgatac 240  
ttctcaaaac atacgtcga gacttgcgcg actcccaatc gttatgcgcc tttgctgtta 300  
gcagctgaaa tccgaactca aacactgggtg gattatactt gggaagggaa aatatcgatt 360  
gaccgctcgc taaacaagaa gaggaaggac aacgaccaga cgaaccacca tgggtgcctc 420  
ttacgggtcaa cggggaagaa cgaagggact cgctcgaact cgcactcttg gcaagttcga 480  
gccagctcaa cgatgaaggg gcaacagaaa tatcgtcccc gcagaatata tcgtcatcgc 540  
gaaaaactat ctctcgagct tgacgaccca ttgaacagcg 580

<210> 3469  
<211> 280  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(280)  
<223> n = A,T,C or G

<400> 3469  
attcttqaaq attqcacttc caagactagg aagcacagga caaggccnaa caacaagaat 60  
atggaaggtt atgaatcatg ggaatggag gaatgatttg gatatgcggt cttequtgcy 120  
gaaggcctga acccgagacag gggaagtcaa gtccaggaag ttatgaaccc gacggcttca 180  
gtcaatgaaa agggaagaaa ggagaggtga aataacatcg cctgtcgttg acattcagag 240  
atataaagac ataggaagca gaatagacaa ggcgttnttc 280

<210> 3470  
<211> 725  
<212> DNA  
<213> Fusarium venenatum

<220>

<221> misc\_feature  
 <222> (1)...(725)  
 <223> n = A,T,C or G

<400> 3470  
 gagctgtcgc acactcattg agggagcgtg acacgtcggc actcggcgtg ctgagcccaa 60  
 caccatcgca agcaagatct gttccgcctg aggccagtgc gtttcttgct cggtttcagg 120  
 aatggccgct cgagaatgtt tcaatgaaac gcattaccga aaatggaaag actacgtttc 180  
 aattccaatt tgagtggccc ctttgcgcaa atcatccgca tgccaccagt gtaagccccc 240  
 attcaaccgc ctcggtcgcg acgaanaaaa caaccaagcg agtccagca agacgggcaa 300  
 agtattcaga cgatgaagat aacttcctta tacaactgaa ggaagaagag cagcttgggt 360  
 gggcggagat tcgtcggcgt tttgctcgac gtttccccga atgaagtggc tcgagtctgc 420  
 aagtgcacta ctgtacgaaa ctcaagtgtc gtaggagaa ttgatcatcat catgctcttc 480  
 agggtcgggg gactttgaaa tgggtgggaa ataccttaaa cgagctaagg agcgcataaa 540  
 aatacattgt tccttgatat tctaggacgt ctgcgtgcac gattgcttgg agttgttcgt 600  
 cgggtgatct ggaggcgta tgctcgggt ctatatatga gaccgagtc cgtacctaga 660  
 tagtagatgc tatttcgttt agccgaatan gatatcgata ggtgttataa acacctgat 720  
 aaact 725

<210> 3471  
 <211> 452  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(452)  
 <223> n = A,T,C or G

<400> 3471  
 naaactgacc cgtcngggc accttagctt ttctcattct tgggcatggt tggcgttttc 60  
 tttgtctgac tctaactctt cctcttgact ctgacgttac atacctgatt tgnrtgatgt 120  
 attaaactga tttatctcatt ggattcctgc ttttctctgt ctgcgtctgc ttcattccct 180  
 cctcaacctc gccttcattt cctctccgt cgtcctgtcg canactgggt taaactaaac 240  
 ctttaccagc ccagcccaac ccagccctg tgtgggtaat tattatcatc tgtcaccgng 300  
 ttcaagtctc gctctggcgg gtctcaaaat tcaaccacc aacctcggac aaagtgaacc 360  
 gtgcttaatt gactgaacct gaacgaactg ccctggacag gtcaaagggt gatacctaac 420  
 ataaaacaat actattttatc attctcttcc gg 452

<210> 3472  
 <211> 139  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(139)  
 <223> n = A,T,C or G

<400> 3472  
 nngaggagag nccaccaagt tacnaagcca actcagaggg ggggacctta naatccggcg 60  
 aggatonaat tottcnccga gganaacttc tgttccccca antccggeng acagaaaaaa 120  
 aaagcctttt tctaacct 139

<210> 3473  
 <211> 479  
 <212> DNA  
 <213> Fusarium venenatum

<220>



<221> misc\_feature  
 <222> (1)...(479)  
 <223> n = A,T,C or G

<400> 3473  
 gcattccattc agttacattc atctcaaaga cttgggtcat tcattcacta tcccatcaac 60  
 atgtcccaaa aagatgtctt tgacgacggg gagcttcttc ccccgataac cgaatcagggt 120  
 ccatcaacat caacacccat atctgaacca cgacaatcag taacgaccat cttccattcc 180  
 catctccaaa atcttccctt gcgtattcat tctgttcaag cagctcgac atcagcgcg 240  
 gatcaacgcg acagcgagat actcaccctt ctggttcccc atgtcgaaaa aatgctttcg 300  
 tntattgcag ccaaagattc accttccagg ttgacagaaa caatnttggg tccaggggac 360  
 ccttgtcgga aaanaatggg tctttcagcg atgaaaatga gtcccaaaca gttgtccgtg 420  
 taaganaana tccaagttag taggcgatca aaaacgaccg ccaagcgaga ggncgaacc 479

<210> 3474  
 <211> 625  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(625)  
 <223> n = A,T,C or G

<400> 3474  
 gattctccat ttcgtctacg aaccgatccg acgtgtcgcg actgctacat tcagttcggt 60  
 acctacaaac tgaacagacg ccttggtgct cttcataaag atactcggtc gtcaaaggca 120  
 ctcactactc ggagacatct ggctggcttg tctttggac cttcgtaag tgcctgggt 180  
 cagatactca gccaacaggc tcgacatcac tctgaaaaa aggcattctt cccatataaa 240  
 cctgtcatcg ttcacattga tacggattta tcacatgctg aaggagaatc tctgccccaa 300  
 aagctgctca gcgattaccg ccgtgctttt cctcagccca cctttgaatg tgttcctctt 360  
 aaagaggtac tgtctgtgag gagtatcgac tgggtcaactc taccctcga tgcgtgtaac 420  
 cctgaanaag atgcgtctgc tcgtcttcaa cgactattta atgccttgcc tacactcacc 480  
 gcacgtagcg atgttcttcg tctacttatc cgcaccttct tcttcanaaa gctcaagact 540  
 atgcctgcac agcgtctctnt tgggtcacaa gcactacagc gctcgccgng ttgacgttat 600  
 cagangttgc taacngacga nggtt 625

<210> 3475  
 <211> 243  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(243)  
 <223> n = A,T,C or G

<400> 3475  
 nattttccca atacagcagg gccatttgt tccccgaac cgnanggccca acacgggggc 60  
 attttcttng accttgaata cccccaagc gctacgtgtt ggganactgc tttaactttg 120  
 tagaacaact tgttcgnatc ntatcgcatg gaccaccatt ggaatcgenn tccactgtgt 180  
 atcttnggga ctanacncta gcggtntttt tgencggtgg acaaataacc atgcgaagac 240  
 tgg 243

<210> 3476  
 <211> 519  
 <212> DNA  
 <213> Fusarium venenatum

<220>

<221> misc\_feature  
 <222> (1)...(519)  
 <223> n = A,T,C or G

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<400> 3476
gtttttttctt tgcaatatct cggtgtaact aacggccagc tgcacatgt tttccgcttt      60
tagatttgtg ccccgtcaca aatcgtcacc aatgaattct gctacatcac cctctcacia      120
tagacttacc aaacggnaac tcctatcaca tttgttcaaa cctaaatgca accacagtga      180
atccggagtt acttcaatcg ctaaacgtct tctctctttt acattggaca acagtgcacg      240
caacagcgac gnggtttacc ctacacttta ttcgccgtcg tctgttgatc anaatgggtt      300
tgacacggat attgtcacgg ntgcagctaa gttgacccta ctaagcaatg gccaatataa      360
cactgttggg actagcgaa cctcnagtca aaagcgcccc ccagatggtt cacaccaccc      420
tggtcggaac gggaanaaac ancgcccaaa caaaagcccc aacaatggag tcgggnaggga      480
tacnggtgac ngaaataccn ggggaatagc agagccctt      519
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<210> 3477  
 <211> 624  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(624)  
 <223> n = A,T,C or G

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<400> 3477
ctttcttcat catcgctngc cgcgtttatc tatttaatca aagctcaacc tacatgaacg      60
tgcaatagtt gattctgcaa ccgtgtcacc tcttgaatga tctgatgata cataaaccgg      120
gttgcaaaaca gnaaaggatt cgcctctaac tttattcagt cagcactgca tacaactccg      180
gatatecaac atgtttggcac ctttggatct tggtctcggn tggccatctg aacaaggcat      240
ggcgcgtatc gctactctct nttatccacc actggccctt cgcgatatgc cccagcctaa      300
accaaaacgat gcgcactccg atatagaccc ctntattttc accttcgaag atgcattnga      360
agatctctct cgtgtgtccc aaggacaatc gctcccaaac atcaagtccc gatatgagca      420
acgaaagctc tgcgttccat gttcccaact ggngagccgg gctcttntgg ctacncaaat      480
ngagatcgca ggggtcttta aaanaatcgg cccaccccg tttgatgaac tgttgctgaa      540
aaaaattggg accgatttca ccaagagctc gatcgagtg ctcaagcagt atggggagct      600
gtttaggcaa aaacgagggt gcaa      624
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<210> 3478  
 <211> 626  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(626)  
 <223> n = A,T,C or G

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<400> 3478
agcaaatcat ccaaaaagoga tgaatcaatc gnaatgggac angtaatgct atttgtgtga      60
cgctaggcaa ttgcacaata tttgtttctt ttctctcccc tctctctcag ttctcttccc      120
tttctctctc cccatcatct attatctccg agacnacctt gctgaggaaa ctgataatta      180
actcagtctt ccaactgcta caacaagggt cgcctatcat tgcagtttg agcaqcaac      240
tgtgcccctg gccggccagc attacagcgg ccggaaccgc gttcccaatg ttaaggagtt      300
tatggaccag ctggaccaga acaagaagca ggccgagcgt canattgata aagaactgan      360
tcagaacaaa attcagggcg agacaaagga tcacagacaa aacagagctg aagctattcg      420
aaatcagaag gatgttcgca ccgtgcgtga tccggttaca ggaaangatg ttggtatccg      480
anacgcaaat ttngattaca aggacgctgc ganaaccctn agatgtcagt tccaatgag      540
aacctaagaa agctgccta tcgcaacctn tttaaaacaa ttntggagag gagtccgntn      600
ccccccaaaa tgtcactgac cccctt      626
```

<210> 3479  
 <211> 272  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(272)  
 <223> n = A,T,C or G

<400> 3479  
 ntaancctcn aggateccctg ttttacacct aaaggtactg ccttgacact tttacaggag 60  
 gacactggat nactttccat tggcncaagg gtgatncctg gncccaagga cntatgtttt 120  
 tggnggaaac tttggtgtcc tntcctccct ggactgatag ccccggtccaa ctttaaggtna 180  
 atgttttagg aagcaagaaa ctaaggacct caattgacta ccgacgntgt tttgtggnat 240  
 taccctcat ttaccagtna aacttanttc ct 272

<210> 3480  
 <211> 627  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(627)  
 <223> n = A,T,C or G

<400> 3480  
 cggccagaat ggcgcctata acttcgacca acgaaccaac accaagacga tcgatcatat 60  
 cctgcagaac gtatccgagg agactggcaa agaggtcatc agtattatcc agaagcctat 120  
 tagtaccatc gaccagcaag agacagcaca agctacatcc accctcagag tttacgtcga 180  
 ctacctatca aaaaccctca atgcctcgcc ttcaactacg tctggaaaga tccaacaaaa 240  
 ggtctttctcc gtgcccctgc aagaactttc ccagcttgca tactctcagc ctaagaatat 300  
 tccagcagac tctctgacag aggggtgttcg cgagctttgc cgaactcgcc tcgagtcttc 360  
 atttgccaaag gtcagccgaa gaaccgaaga ctacggtacg ctatgccttg ccgtgtctgc 420  
 tatcgacccc gactcggttg caatgtccga ggagattagc gaggccgtcc ggaacgctat 480  
 gtcaagaatg canaagctgc ttaagcgtaa ggcggcagat ggcaacnana agagtctttt 540  
 ncaggtctct ggcaatgctg catgctgngt ccgtcttnc aactgtcaacg aggatcccca 600  
 tgctntggaa gttttcaacg atcttgt 627

<210> 3481  
 <211> 160  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(160)  
 <223> n = A,T,C or G

<400> 3481  
 gagacgaatg tttttaatct ccccatgttc gggatggggt ttcattgaatt tqtatataccg 60  
 aggcctcggg cccgtgtgag atagtaatat gcacgggaca tgtacctata anaaagccaa 120  
 ttaggcaaat aataccaaac aatatgaacca tacacaagtc 160

<210> 3482  
 <211> 241  
 <212> DNA  
 <213> Fusarium venenatum

```

<400> 3482
gtaccacctag  tccaggaacg  ccaagacttt  gtctttgttc  gtcccttggt  cctgggtcttt  60
cgtgcaacgt  tccacatcct  gtcccttggt  tttttaggat  atttccaagc  cctgagagat  120
cattagctgc  gcactcgaga  atattagcat  actgacctgc  cttgttagtg  gacaggtagc  180
tctactctga  cacttgacaa  cactgtacat  aggtagttta  gacctgtgaa  tagaggcgcc  240
c

```

```

<210> 3483
<211> 479
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(479)
<223> n = A,T,C or G

```

```

<400> 3483
cttgcccgat  aggttgagtc  tctctgtcgt  ctattcaatc  gttcgaggat  agcttcgatt  60
tcgagacatg  aaagaggctg  aagctgaagc  tgaacagaga  aggcacacc  aagttggtaa  120
aatggttcaa  cttgcggagg  aactttgttc  acgccttgtc  cctgtcaata  gtcgcacatt  180
gatacccttt  ttctgtgtac  aatccgtttc  gttgcatgaa  ttggttgact  tgtctaccaa  240
gaatatcgca  acaccttcaa  tgtcattacg  aactttgttc  tctttctcgc  attcatgagt  300
ctgccttggt  ggcacaagtt  ggcaccntna  ttctcccatc  tctnggggtt  gaccgatcag  360
gcatttttat  tttttaangc  acaaagantc  atnctctttt  tttcttggtt  caccttganc  420
aaaaggnttt  tncgccttaa  ccttttggn  ggcctacaaa  aanngtttac  ccttcccc  479

```

```

<210> 3484
<211> 535
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(535)
<223> n = A,T,C or G

```

```

<400> 3484
gcatgtctgt  cctgacagat  tccgaggaaa  gagatcggtt  gaaggggggc  ggtgagagat  60
gagtaacgta  aggctggcca  tcanagaccg  ccgaagaggc  gaagttgtca  tcatcatcgt  120
tttcattatc  ctccacgata  tcttcgggaa  tcatgatcga  tggcctctcg  ctaaggctgg  180
atccgggacg  agggctatna  tctgacagga  agcgcggaag  agactcaggt  gaaataatnt  240
ttgtgcgggt  gccctctgat  ggtggttggt  aacgatactc  tgtatcctcg  ggtgtgtcat  300
tggaactgg  agatcgacca  cgctccccct  ctgaattggt  cttgcgacca  aacaagcgct  360
tccatgccgc  cggggctggt  gataatgacc  taaaanaaac  ttgtggttca  gtgagggaga  420
tgagccaacc  cgataaggaa  tgtggttggt  tggtagtgag  ggtgcnggtc  gaggtgtggt  480
gtatttggat  tccgggttca  tgggttttta  aatcggcngt  attgtatnga  tgtaa  535

```

```

<210> 3485
<211> 606
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(606)
<223> n = A,T,C or G

```

```

<400> 3485

```

ctttcgcatc	tcattctatgg	acgcattttgt	acttggggcaa	gaagatgccca	gagtgaagaa	60
agcgtagaca	acggcagtc	ttcgagtatt	cgtggccgat	cgtatcactc	ttggtagcac	120
gaccctgctt	ggcatgatgg	agcttgtagg	aagagcgggc	atctcatggg	ctttagcgtc	180
tcttatact	catggcttct	catgatgagc	gtatagttgt	tggtgaaagt	ccccggggac	240
tcaacacttc	ataatgggag	agaggtgaaa	cctgtgcttc	atcagcactg	atacgtattc	300
actctttcat	gctttgcctg	caaagaactg	cgttttgacc	gacgcgagat	acgcttgata	360
cgaccatagg	aacaggctaa	actggcgttt	cgagatcctt	cacgtcagcc	aatcagcatc	420
acgaactttg	aagccccagt	ggtgagctct	ccactgcccc	gcgactttca	tcattcatttt	480
gactaagctc	tgagagagct	tggtcaagct	tgtgtctttg	tctgaacaga	agtcaatggc	540
tacactagga	attcctncag	taattgcaga	atgggtctta	ctgnaaccgc	aacgatacca	600
cgacat						606

<210> 3486

<211> 498

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(498)

<223> n = A,T,C or G

<400> 3486

nttttcaaa	cgtnggcgct	gnttaaaggc	acattcattt	tgcttctaag	agaccaaggc	60
catggcatat	aacatcatgg	ccattgagaa	cacacgactc	gctcactgga	ataatagagc	120
gcgaaatcgt	tgcacaaccc	acgctttcca	acaccgaaag	cagaaacgcc	gagcctcaac	180
atcggcacat	acccccctaaa	cgccgcttct	gcccgtcggt	ggactggatg	agatatattt	240
atatgaagcc	attttgggct	gttgaacagt	cgttttacat	acctatgccca	ggacggcatt	300
gcatttgctt	acaggcgaag	attgngactg	cacttactct	tatacccacc	attttgcatt	360
tttcgttcgc	acctggggat	attattttta	aagcggggaa	aacagtaccg	caaaatatta	420
tcattattgg	tgcattcttg	ganganatta	antgntcttt	ctacttttgg	ccttgggggt	480
tctagggta	aacaaggg					498

<210> 3487

<211> 291

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(291)

<223> n = A,T,C or G

<400> 3487

ttcctcggag	ggtggggagga	nagcggccca	aagcggcccg	aancgaatgg	cgactctacg	60
acaaccctgt	atggattccc	aggaatggtg	tttgagggtt	tgaanaatgg	acatgtcaat	120
actggtacag	tattttgatt	gaggatttgc	atcgccgatt	tgtttatgga	gttgatggaa	180
cttgatgagt	anctatggaa	gctggctctg	ttttgattga	gtttgatacc	tctgtcta	240
ttaaaaaac	atatactcgc	ttgngcgatg	ctttttntcc	ccnaaaaaca	a	291

<210> 3488

<211> 282

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(282)

<223> n = A,T,C or G

<400> 3488  
nactctcaag aacggcaggt cgacaccttc aagggctcat actacgcca ctgcgcattc 60  
tacattgacc catctctcga atgcgcccag cccaccgaag aattctctac tgataacttc 120  
ccnaagtat ctgtccctaa tgtctgggcg ccnnaagga atcctcccaa gcttttaacc 180  
ctctgtgana tctgtngcc gtctcatcct ccacnttacc gttcttgctg ctctgtcatn 240  
ttaatccttc cctccaaaaa ganatccng aaacccctg ga 282

<210> 3489  
<211> 389  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(389)  
<223> n = A,T,C or G

<400> 3489  
gaggacgact atgtgttgcg gctgacgaca tcaataggaa cacgctacac caacacattg 60  
ttgtgctacg catttnattc gcgacaccaa ttgatcctct tcaccaactg caataactcg 120  
gccaaacggc caaagaatca tcggaaatag tggaaacaag tacattgtgc tccaatacgt 180  
acgcagcgct acggtttgaa caccagatct accactagtgc gcctctatct agtcattgga 240  
agtggaggga aaagtgtcag ctcggtttt gactgccaaa acatgtcgat cacttgacga 300  
agctgtcaac atctgggagg taatgggcaa gccaanacac tttgccgttg ntaaagagnc 360  
tgggcgtncg cgttttttaa tccgggcag 389

<210> 3490  
<211> 114  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(114)  
<223> n = A,T,C or G

<400> 3490  
tgggaacaat gtanaacagt agctgcctag cagcttggcg catggtgtca tgattagcaa 60  
tttacatttc tttagttttt ctattagcat aggataatac atcttggtgc tcag 114

<210> 3491  
<211> 129  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(129)  
<223> n = A,T,C or G

<400> 3491  
naacactgtc ctggagaccc tctcaaaaaa cggncogaag antaccccan caacnctttt 60  
tanqatatta gagagctcat tgggggggat ttctgagaa aacaacctcc gggnggatat 120  
ccccacttc 129

<210> 3492  
<211> 567  
<212> DNA  
<213> Fusarium venenatum

```

<220>
<221> misc_feature
<222> (1)...(567)
<223> n = A,T,C or G

<400> 3492
gacaaatcct atacttttcta caaccgctaa aactgtacca acccgttggt atcaacaaaa 60
gaaccgtcct cgtttgagca agtctcccca gctgctcaac accctttacca aaactcgacc 120
cgccctttggt ctttaaaagg caccatcttc actacggctc ctccggccgt gagtttcgtc 180
agtgacaaag atttcagcct ctgcaagccc tcacacatta tcaacgcgat cctcctccc 240
gctgctattg ctgctcgacg ataagcttct cgatctctct gtcttgatc atccaagacc 300
cgactatcct ccccgctcgt tcttcgacac ccatcagctg ccgcatagga ggtacttaga 360
ggttcttctc tcgccgagga agagtcgagg aggcctcgcc aaatcaccga gggatcagtt 420
cattaccggt cccgaccacc ttaacatcat ccgaatcatc gggtgattct ttttctatac 480
taccacactn acaacaactc aatcagtcct cggactcaat cctcgtcaaa aaactccaaa 540
aaccacaccc gcaactggtt gggatat 567

```

```

<210> 3493
<211> 113
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(113)
<223> n = A,T,C or G

```

```

<400> 3493
nagatctcgg angattcnca agctactcgg attccaaaac gtnncaagtg taactcanaa 60
cccantctcg aentgttgcc gcttctggtt ttttactccc atatttactc tta 113

```

```

<210> 3494
<211> 112
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(112)
<223> n = A,T,C or G

```

```

<400> 3494
tnggaaaactg tottcgggat aaatggcctt tgggttcgnt cccagcaacc ggangggggcg 60
ggttgggtcc natgatnctg cntctgcctc tagagncaact gggnggtgct tg 112

```

```

<210> 3495
<211> 583
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc feature
<222> (1)...(583)
<223> n = A,T,C or G

```

```

<400> 3495
atttataacc tcttcactctg ctcatgaact tgctagttag gctccaacct catcaatact 60
catacagccg acccgatatt acataacatc atcacacgca tcaagaaagt ggaacactcc 120
cctccagttc accgtattct caatccacat tacatcacat tatattatat cacagtaact 180
gtgactgcac tcagcaacca taagcactat aaacttgaca ttgagcaaga aagcaacaat 240

```

ggttcaagta	ctgactgac	ccacattctc	tcccgcggg	acaccaacct	acgaggccac	300
cgatggctct	ctcatgaagc	gtcctaacct	tggcaggact	gactcatcaa	catcgatgac	360
cgagaagaac	atgccaaagc	gatgcaggaa	ctcaacaaga	agaaaagaat	gatgaaggca	420
cccagacaag	gctgggtcaat	gaccgactac	caaggcgacc	atgtcgctgc	atcacattct	480
gggcgcagcc	acattgaaag	tcaagctcct	atcctgaana	acaantctcc	ttctcccccg	540
aaagttaaag	aacctgtttt	ccccaaaggc	ccagttgaaa	acc		583

<210> 3496  
 <211> 244  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(244)  
 <223> n = A,T,C or G

<400> 3496	
tttgaggcnc	tgctcttggc atcggatata tagccagaca gcgtgagaag agagctgcat 60
agaatgatgt	gtcctttttg gaccaaacgg aggacaacac atcaatatcg taattgaaaa 120
taagctgata	tcaaattgtc atccaaggag ggtagtgttg cctggaaatg gggatgtacg 180
tcttgcata	ggttaggtag tataccaaca gaaattagac tatctggttt caaaaaaaaa 240
aaac	244

<210> 3497  
 <211> 171  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(171)  
 <223> n = A,T,C or G

<400> 3497	
cgcataacca	attcagtgtg accagaaaga gtcttgcaac atgggtgacg gtggctatct 60
cattctcgna	aacggtagcg cgtaccgttg gaaacggtea gaccagatga gctatcanat 120
gaagctcttg	gatttcccg atgtcattga anctggaaag gtaccataa t 171

<210> 3498  
 <211> 434  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(434)  
 <223> n = A,T,C or G

<400> 3498		
ctgagccgcc	acaaagacta cctcttcttt tgcctatact ttttgtgcca aatttaagca 60	
tttggacct	gtttttcagc atcgccaaat caccgactcc accggccatt aaagatttcc 120	
caatctcttg	tgcaacgaca gataatcaga cgactgtcta gtttgcagaa acatcttttc 180	
agcttcgatt	cttactttgta gtcgtcagc atctggacct actacgcact atcttgtcca 240	
ctcaccata	ccaggtagtc gttgaatgag aaatcgagcc cctccacatc atggctgata 300	
tgcgcgaac	accagcgctt gaagtgacga ccgataatga gaaatctgac ctaccgaatg 360	
aggacggcat	aacttttagag aaaacagaag acctattcna agcaatgatg ttgacgctag 420	
tgctgatgct	gggc	434

<210> 3499



<211> 239  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(239)  
 <223> n = A,T,C or G

<400> 3499	
gtcaggcagc ttgcatgttt gcctcgcagc gaacgaacta acacagaatg gcacctgttt	60
gaaatagcat tggtagactct ctctactgac aggaaaggcc aaaccgccac tattcttggc	120
tanaatgggc aggtaggttg gcaggtaana agcttttact aatacatgct tgataatatg	180
ataataaaac ctacctatgg caggatcaaa ttttaaactt caaaaacaaa aaaaaaaaaa	239

<210> 3500  
 <211> 555  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(555)  
 <223> n = A,T,C or G

<400> 3500	
aaacgcttct gttttcaccc ttgacaatgg aaatgttacc tttacaaatt tcgtcggaga	60
cgtanaagtt ggtactctca caattccaaa cttactcctt aagccaggcg acaatgttgt	120
caacatcacc gccaacatga accaaagctt ggttctgaac gccgttcagg aggagcccta	180
ctgcaagaca ggcattnttc ccttcaagct gttgggcaag tcggtcatga accacggcga	240
aaatctcaca tatttcgccc cagcgttggg aagctcaaac cagactgtcg atatcgacat	300
tgggtgccatc ctgaaaaaga gcattgggta tgatgtgaag tgcaaaaagg attagtgtga	360
aagcattatt gatctttgga tcgcgtaccg agtatgtctga ggcaggagag aatgatcaaa	420
gccgccggtc gattaatata aagctaggta gnggtttgac aagaggcgca ntcgattata	480
atgatacctt tgatgcgggc cccatttata ccctgtncct gatgcgaaat tcaanattac	540
tttattccgn caagg	555

<210> 3501  
 <211> 241  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(241)  
 <223> n = A,T,C or G

<400> 3501	
nggcctgttt agggtttggc cttaacgatg ccagcaacca ggagcctatc aaggacgttg	60
tcacangaatt gggggaagc gatgcttcaa aacgagtgtt ggtttgtcan acagatgagc	120
agctagagat ggccagggtt tgccgccgaaa aggaagacat ttgggaatga tgcnacacca	180
cagggatggt ggttgtggta gtgatgatat atatgactta atagatagag agtgtgtata	240
c	241

<210> 3502  
 <211> 308  
 <212> DNA  
 <213> Fusarium venenatum

<220>

```

<221> misc_feature
<222> (1)...(308)
<223> n = A,T,C or G

<400> 3502
tccgtcagtc tccgtagttg gacaatccga agattacgaa ggtcttgaag gaatctaccg      60
gttccttgag gaatgtgacc atgccaaagg aaaggttggt cgagtaaact gattttgagc      120
gaaacgatac cagaatgcc aatgaaaatt gacaggcatt gattgtactt aacgaccgac      180
attctctaca ccgaacgaac cacaatagct agatttagta tgagcagtaa ctagcttcca      240
attgaatttc cttgagtatt tnttngaaaa aaaaataant attaaaatta ttaataanat      300
ttatatta                                     308

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```

<210> 3503
<211> 469
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(469)
<223> n = A,T,C or G

<400> 3503
gcagagggca tcccgaatct tccgatcctg ctctcccat acctcgttac ttatttcact      60
cccatttctc tttttcactt catgagggtc tgacccaaca tcggttaatg tctacctgct      120
tattctttta tttttctcac cgtctgtgca tatatgcctt tgtttggtga gacaagggtt      180
cgttgtctca tctcgttgta cattacatta ctcaaagcgg tctacgcctt gaagactgct      240
gaggactcga ggccttggtc caatgatcct ctttgatagt tcgtttccat aaagggtatt      300
ggagcaagaa tccgagtcac ttggaggggt gtggnngcat atgagcggct ctggttggtg      360
tgattcggcg atagggttgt agttagaaaa ggctatctaa cacaactga gctgacacga      420
taatcccgtc accttctggg tagtttaatc cgagtaggga ttgtttctc                                     469

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```

<210> 3504
<211> 385
<212> DNA
<213> Fusarium venenatum

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```

<220>
<221> misc_feature
<222> (1)...(385)
<223> n = A,T,C or G

<400> 3504
tactcggagc catactgcta catgaagtea cccaagaacc cacacagatg tggacgccat      60
ggaggaaaga agggccaata aacattctag accaagacaa atcaagaaga aacagggtga      120
acgatagaac gaaaacaacc cagaatgggt atgacgacat gaaaacaacg acgacggcaa      180
gagagccgac aaactctgga ttttttggtt cttatataac gttgcgacat catatgagga      240
acattcgggt attagcatgt gcatgcaatt tatttttatt caaacttcgc aagcatagat      300
qataaatqtt atttttggca aatcactcan aagcacantg aggggaagac tcaaaacagc      360
gggtgttntt gatcattctc aaaaaa                                     385

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```

<210> 3505
<211> 624
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(624)
<223> n = A,T,C or G

```

```

<400> 3505
ttcttccccc tcgcctcgca ggtacaaaaa aatatctctt ggcttctttt ttgtccctgc      60
tcgaaccgaa cttgaacttt tctaactctt ttctccccc atcctttccc gccggtcgag      120
ggtttgtgat gctttgatat ttctctcttt caacatccat caatcgacct ttaaactcgtt      180
cgttcgttca tacagataaa naaaagggtt caaaaagacc tcacaaacaa aanggccgtc      240
gctcttcctc ggcgattcta ttcgctgctn tgggtcgcaa tcctccttgc gtcctgcgtc      300
ttcttcgtct tcctccngga agatacctgg tcatccattc ctcgacctcc caacgggtgg      360
aagattcctt tcaccaccga cgatggggcc tctcatcttg gatgggnaac aacaaaaagg      420
ctcccgccaa ggaccccaat gagcctctgc gcctcgtcct cacaaagtcc tccggactca      480
caannaaatc gctgctgctt tgatgcaccc ttctcgnggc caagaagggt ttaactcgac      540
gtntacttcg ccaccagcgc tttcaaatgc angacatnat gggcaacttt agccttcccc      600
gncaacatcn catcacaagn ggga                                     624

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<210> 3506

<211> 124

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(124)

<223> n = A,T,C or G

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<400> 3506
nagctngttg caacaactgg ggetncctta accgattttt tgtccaattt tcttgaaaaan      60
aaccttagan cttcaanatg gttgngcgaa ntctctccag gagangaaaa attttttttt      120
tcac                                     124

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<210> 3507

<211> 617

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(617)

<223> n = A,T,C or G

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<400> 3507
cgacgaacaa gttaacagaa cttggtgtat tgttggccaa gtatacgtg cccgtagtgg      60
caaaagggcc ttgaatagac aacaaagaga cgggatctac caggcactag cttcacaac      120
agccatatgc gccaggggat tgaaacaatc ctccacgacg atggcaactg tccactatt      180
gtgcgcacat ctactcgtg tgacagattt acttctggat gatacaggag atcactggcg      240
cacacggatg gcttgtataa gtgagtctgt tggggtcacg gttaatgatg acttgcaatt      300
ggcaccctt gataggggac tgatacggct tttccaattg aatgatgtct cggctctgtg      360
tcccgtcagg agaatccgtt aggcccaatt ttcagaagcg atcttgaaga caggttgaca      420
tcgaagagtc cagagagctn acgtctgnac tttggatgat accgtccttc cgcattgtga      480
aatggnccgt cttgaaaaag aatattcatg gggttggcnat tttctacacc tggggcattc      540
cullacgaca ctttgtgata ttgcagaact gatntggggg aaatcaagct tgactatacc      600
agcccenttg aattttt                                     617

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<210> 3508

<211> 243

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(243)

<223> n = A,T,C or G

<400> 3508

aggttggaga	caaagacagg	gaaacaaagc	ntggattcaa	acctggggaa	gccagtntnt	60
gaaacggggc	aaggcataaa	atgacgatag	tgagtttggt	gttattggtc	cgtgttggag	120
cgttgcactg	ggagattggt	tgatcacccg	ttggtgcana	aagttggagt	tgaccaacag	180
ttatccgagg	ataaaggcac	gatgtacgat	aagacagccg	canataanaa	agttccaaat	240
gcg						243

<210> 3509

<211> 426

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(426)

<223> n = A,T,C or G

<400> 3509

cgccctgctt	gcttgcaaac	ccaccttcgt	taccttcgcc	ttctttctgt	cgctacaaag	60
accgcctcag	ttcttgacta	actcaactgt	cagactccga	tccaatcaat	caaaatcgtc	120
aagatgaagt	cttctctcct	caccgttttc	ggcctgggtg	ctgccgccgc	tgcccagagc	180
tccggcgacc	tccctcagtg	tggtcaaact	tgtgccagca	acatgatcag	cgctgcaagt	240
cccaggagct	tggatgtgat	gctgggtgacg	ttagctgcct	ttgcaccaac	caggacttca	300
tctacggtct	ccgtgaactgc	tccgtgctat	ctgcaacgac	gagcaggccg	ctgctggtat	360
cgnetacgtc	ttgcctntgc	cgcaactggt	gtcagatact	actgggtagt	gtgnttcctg	420
tcggt						426

<210> 3510

<211> 438

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(438)

<223> n = A,T,C or G

<400> 3510

cgacacccta	tcaaagtctc	tgacctcaca	actttgcaac	ttattcggtt	tttaattctt	60
gattccccag	gtttcacaaa	taattatcta	ataccactga	naaaccactt	attttcaacg	120
atcaatatac	atacttgaga	ggtatatgca	agtallagtc	tctacgacaa	cccaaaggtc	180
catctatcgc	cactctgect	aaatcaactat	cgactctgcc	cttgcgatgg	caactgggga	240
ctctaacgat	tccaacgatg	ccaatgatga	cggnnttcaac	ttcggacaan	aaccattcgc	300
cngggctctc	atccccttat	tcgtcatcct	catccttgga	ttgacagcaa	ctgtcatcca	360
aatcaaacgt	cggcgcgcgc	gtcgtggaaa	ccaatggccc	agctcaaate	cccaaacacc	420
cacatattgg	ggacttgc					438

<210> 3511

<211> 610

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(610)

<223> n = A,T,C or G

<400> 3511

gaacattacc	cgaagctctt	ctgcccgaatc	catggntatc	ggaaaaaccg	tggcgacaga	60
cttnttttctn	tgaaacnngc	caactggatg	agaatacaac	ggttccccgg	aattatcccc	120
gagataacctc	agcgcgtaaag	ttgacacnng	aggtatgatc	ctcactgaga	ttcaaaatga	180
actaagttga	ttttgaatgg	ccanatctta	cagcaattga	gccctgatac	cgtcactgaa	240
taccgatctt	cagcattacc	gggnngntca	ggcaacaata	caactctgtt	ttcagatgcc	300
gttccgatca	atcaaatact	gggattgaat	ttgccctcca	aagtcgtttc	anatgacttg	360
ttcaacgcct	actttgatgc	cgcgcaactg	ttcatggcct	gntcatgacc	tttatttcgc	420
aacgatcnat	gccattatgt	tgacagggca	agctacgcca	gaagatcttc	cgttttnggt	480
tgnttgatgc	tggtcttgct	atngagctng	atatttaacc	gaaataaatt	ttctttgngg	540
ggggaaaaca	aacctggacc	ctnttgaaaa	caatttnttg	aataacncac	ntgtgccttt	600
ttggatattg						610

<210> 3512

<211> 111

<212> DNA

<213> *Fusarium venenatum*

<400> 3512

ccctatttga	aatcttttaa	taccocagtaa	gaggcttccc	aaaggaggca	aggatactcc	60
aggatgcccc	tagctatggc	aatagacata	gtaatatgat	ttatgacccc	g	111

<210> 3513

<211> 317

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(317)

<223> n = A,T,C or G

<400> 3513

tgatatcatt	gatttagacg	aatgcacga	gatagcggat	ccagccatgg	atcccaagat	60
gccctccaga	gcggaatta	cttttgggat	agaacggcnt	gactgcggcg	ttgaactttt	120
gggaattcca	tttttagata	gagttctgat	ttggcttgct	tgatgcaaag	actcaagcca	180
aggaggtggg	ttggttccct	tgatgatggg	tatttgatac	ctggatacta	cttgatcatg	240
cttcaacctt	aacacgttgt	gattcttact	tatgattgcc	cagtatataa	ataaaaagagt	300
cactggnaa	aaaaaaa					317

<210> 3514

<211> 398

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(398)

<223> n = A,T,C or G

<400> 3514

gatgcaacta	ttttatcttg	gtcgtcatte	ggcgtattct	cgccgggagt	gtgacatact	60
ggtcttccaa	acccttcaact	tactctgcct	ggttgcaactg	ctcacttgct	gtacctttga	120
gaacctgttc	ctctatcacc	aaggggttta	ttgtgcttcg	ctcatggata	atattagata	180
agattaaatg	gggtggtttta	ccaaggaagt	ttgtcgagta	gcaacttggt	gtatttttagt	240
cgtaagtttg	ttgagaatag	gtgggttataa	tgtctcaaca	cacgatactc	cttagacaqt	300
gaagcgttgt	ctcttttggt	tggtttcttag	ctggcttgat	ctgggttccc	ttaacattgt	360
tttatttgct	ttagaaaaaa	aanaaaaaaa	aaattcat			398

<210> 3515

<211> 152

<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(152)  
<223> n = A,T,C or G

<400> 3515  
nntcactcat gntactgngg naacctgcac ncaactttcc acaggtggtn atttgtgtta 60  
acaagaacnga cagntcgncc tttgcagagt ttctgntcta ttgcttngga anttangeftt 120  
caacgggttaa ancaaagaan cgttttntnc tg 152

<210> 3516  
<211> 128  
<212> DNA  
<213> Fusarium venenatum

<400> 3516  
gtctctccaa tgactcaaca ggcgattgac aagctcaagg aattcaaggg cgccgttgtg 60  
aatgatcttt ccgagaaaca aaattagtat cagaacgggt ttttcccaaa atacacattt 120  
gatgcattg 128

<210> 3517  
<211> 615  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(615)  
<223> n = A,T,C or G

<400> 3517  
ctcactttct gtgacaaaag cagcgatgag gggcaacttt gcanggnngg gcaattttgc 60  
tgagctggag gggagctatg atgaaatgtt tctctgccac gtcggaccgc tatcagttga 120  
attgcggtgt ctaccataaa cattaatccg ctgcaactct gccggtcgac tcaatagtgt 180  
gtacaagtca tcataaggca gtcattgggc tgcaatttgt tgatattgag ctgtggtaga 240  
ncatcnatcg ggatggatga ttctacgag tagatatgag ctantccatt tatagattaa 300  
agcgggcctt cttgaagatt ccagantggg caaattctca tcgatgtggn tggnaagttg 360  
aaaatcaatt gcaaatactc aacatcaaga ctttnattct cttnatattc acaacaagng 420  
catcctaatt ttctcgattc aagcaaatct aaaaactccg acaacatggg cgatccana 480  
cttaacgagc ttnttaaatg gagcatcgag caatctgngg ccccaaaaat gaccccaatg 540  
cccttcacc aagaacaact taccaccaac ttatngcgcc cttatggggg gccctccacg 600  
cggntcatg aaacc 615

<210> 3518  
<211> 546  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(546)  
<223> n = A,T,C or G

<400> 3518  
cgacgattaa tgatgttgag agtcggattt cacagatgga aaagactatt gagtcgtttc 60  
gggcacaaca ggatactgct tcgccgcagt ctacaacacc ttctgtcgcg tcaacaaaca 120  
ccctgtcat ttctggaaat gtgactgcta gtgatgcatt ttcaaatacag gctgttccgg 180

gacgtcgaga	gggtcttttg	ttgaataaag	gaaaatacag	tcattatggt	aatgaagttc	240
ttctctcacg	ggttattgaa	caggaagatg	atgtacgaac	agccttggca	acgccaagag	300
acgaacttcc	ccacgaagtc	aactctttct	ccttcaaccc	catggccctc	ctatctccca	360
gtttctcaac	cgaatcactt	gcaagctatc	atcctcccag	aaaaacagct	atccggttat	420
ggaaaaatctt	tgtcgaagtg	tcaactttgt	ncaaagtcag	tctcttccac	tcgggaaaca	480
tactctcneg	tgganaaaaa	acctacaaag	cctcnantgg	aaactgacct	ttgtttgcta	540
ttttta						546

<210> 3519  
 <211> 840  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(840)  
 <223> n = A,T,C or G

<400> 3519						
tttttttttt	tttatotaac	atgtctatta	actcatttga	cagtaagcca	agattaacgg	60
aaaacatatn	tacaaactcc	tatccgaaaa	actntgaacc	gntttttattc	taaccagatg	120
caagggaaac	cctcgtctta	ctctctccca	tccttaaact	ccactcccca	ttccactcct	180
ttctccttct	aacctcaagc	tcaacatctt	tnttgggcgt	ataaataggg	gccatgtcac	240
ctgtgttcag	cgcggggttc	cttgcgccatt	gacctgaagc	agggttcata	tcgcaccgca	300
cagaaagaag	agccaacaca	atcagaattt	ctgtcgaagg	caaactgtcg	cgcagggaca	360
aaatgttggn	ggtgcgcccc	atgccacgaa	aactgctcga	cacgaccgat	ttcttgtccg	420
gatccctntt	ttggcatgaa	ccgatatgga	tcgaanacat	cagccgaatc	tcccatgtag	480
tttggttggt	gtgcacnggt	tggccaggca	ttatgacnaa	ttggncagct	ttaaacanat	540
ctttgtcgtc	aagagtgnat	nttccgtcac	ctttcgaatg	tcgcatgaat	atgtcttgtc	600
cgtggggttt	ctgataaana	nataaaacaa	aggcatttgg	tttcaacgct	gnacgtncac	660
cacaaaccca	gtnttttggt	tccactaaca	gctggtcgaa	taattcgcgt	cgcacttngt	720
naaaaaggta	aggccggaaa	aaaanttcgt	aaatggncca	aaanatgatg	gggtctgggg	780
ttggcaaact	tcgacatgen	tttaaagggc	caattcncct	ttagggagcg	nnttcaaata	840

<210> 3520  
 <211> 274  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(274)  
 <223> n = A,T,C or G

<400> 3520						
cactgatgac	aagattgagg	gacagattgt	ggtacgagga	ccgancgttg	cgggaggaga	60
ggtcaacggt	ggcntccccg	gaaaanttcg	acatgataac	actgttgctt	atgcntaacc	120
aagggttttg	acaaaaantg	cattgggntg	gggtcgatag	acacatcgat	gtcaaattcc	180
aaggatttcag	ggatcntttg	gcccgatttc	ataagctagt	agatacaaga	aatgatttaa	240
gacccgaata	agaatttctt	ggatattttg	ggtt			274

<210> 3521  
 <211> 186  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(186)  
 <223> n = A,T,C or G

<400> 3521  
 ngetatgagc gtncaatanc ccganaagta aggttttttta atgccaggag gatganttgg 60  
 tgcaagggtat gaagntngaa gtcctatcca ancgntcaa ggantnccct tcatgaactt 120  
 ccaanatgtg ttgnagactc gnatacntac tggatacatg nntcagcag acgaanactt 180  
 gcatca 186

<210> 3522  
 <211> 192  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(192)  
 <223> n = A,T,C or G

<400> 3522  
 ggagctntta naaagctcaa taagcctacc gtcacccgtc gccagtcgtc gtnaacaaat 60  
 caactccccg ggtcgnegat accacaatca aattaccgnc gcaatgagtn tatactatgg 120  
 agngggcggc attgggtcat ttctgaccat cgntggaggc tatatgctnt ttaccggcag 180  
 nggtgagtc t 192

<210> 3523  
 <211> 203  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(203)  
 <223> n = A,T,C or G

<400> 3523  
 nttgtntttt tattactatt atgcattatn aaatggaatn ntgacatatg gcaaaaanaaa 60  
 aaggggcctg gacnctaaaa gtgactgtca acctgtgact nccgtaantg actggncagt 120  
 tggcggaact cagtaaatgc atntgcagtc actggattaa tgcacntcgg atgaaattta 180  
 aantgntagg tttttttttt ttt 203

<210> 3524  
 <211> 502  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(502)  
 <223> n = A,T,C or G

<400> 3524  
 tccgttgtat gattacaccc agactcgcat cgacaaaaaa aaaaaccatc agactttaat 60  
 aattccatgc tctactggaa acgcctctga acaactgtta tccgcatac catattcaat 120  
 cgtcaaacgc ctgtcatgaa cgcagttct tttaaatcta ctatgcacga attccattgt 180  
 tgcagtatgt taactcaacg gcagctgctg gttttgcccc ggggttgata tgttctggac 240  
 aatgtgcgac agcgcatcaa tcaactgcctt cattagcaac tgggcaatac tgcctaaaccc 300  
 ttggcgagg agtggttcaa catactctgc atgtccatct tgggatcttg tggccaagta 360  
 aaagtctcgt tgactctgtc tgctgtgct cgtctggaag atgacatggg cagactcata 420  
 gctgtgacag cggaggaggt tggcgtggca gtcggtgtca atnggggtct tgatncaatc 480  
 ttacttaaac atctggtaaa gc 502



<210> 3525  
 <211> 290  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(290)  
 <223> n = A,T,C or G

<400> 3525  
 ccacggcett totganagca acttccgact ntggatcttt tttgancntg atagccaaat 60  
 tgggcntgat acacancatg ctantnttgg aatgttgctt tntgtcanct tctttntttg 120  
 gggacntggc gatgaccgtt gtacaancnt ccagggcaac atttccgcnt tccccganc 180  
 agtntggntg ctgcnantg aggcgcccgt attngggctt tttgtagtac tccntaacia 240  
 gcatagcaat agggaaatag atattancta agtgaaaggc cgagggacac 290

<210> 3526  
 <211> 177  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(177)  
 <223> n = A,T,C or G

<400> 3526  
 ngcctgtcgc aattatcttt tagcattaac gtttgaaaaga antcattgac tcagtttctt 60  
 gaaaaaaaaa aaanaaaaaa nttctgcggg ccgctctagc atgcattnta aaanaaaaaa 120  
 aaanacttct nggngaccgc ttatncatgc atattagagg gccnatttca accttta 177

<210> 3527  
 <211> 158  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(158)  
 <223> n = A,T,C or G

<400> 3527  
 ntggaaangg anctggtatg gacagaaatc nacntgcaat ncacgaaggc tttggtgccn 60  
 tgaangcaac naaancaatg gggggngtgc tntcaccnga tcattctctc tgacctagga 120  
 ctngatgncc gactncttct catgcaattg ntggcttg 158

<210> 3528  
 <211> 380  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(380)  
 <223> n = A,T,C or G

<400> 3528  
 ncgaatcgtc accatcctcc aaacccccacc cagtttctntg cggcggagtn tatngaacnt 60  
 ttacqqgtaa anttqaanqa tttgtggaac qantqttaan angttcgaca tgganggcac 120

gttattgatg	cgnggggttg	tactttggca	naaggcattc	ttntttgctc	agagnttcaa	180
gcttntaaga	tgaaaatgtg	ttgtctgaaa	nactcaacnt	ggtanaaccc	atgagctgca	240
atcggntcca	ggttntttta	tnttcggnt	ggactggacc	ccntgaaaaa	aganaaacat	300
ttttggccaa	agtncaagcc	aattgccttg	naattactgg	atancaatcg	nggggtntta	360
tnttgtctnt	gtagnganc					380

<210> 3529  
 <211> 610  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(610)  
 <223> n = A,T,C or G

<400> 3529						
gagacaaggc	atctagtccg	ccgtttctac	cgaatacatc	caaatatcac	tttgctatac	60
aaaatatacc	tctttttattc	tattgagata	atcaatttct	atcaattcct	cttgctctcg	120
ctcagttacc	ctctgtaagc	tgtgtagctt	cttgtagtg	tccgcgtcaa	tggtctgctt	180
gagatctcac	tctatttcaa	tgggaaaggc	tacttggggg	tttacggttg	ccttacataa	240
aggctcacc	agacgagtat	aagtatctcg	tctctcccc	cttatgtcct	gaatttcggt	300
acgctcaata	tcactcctct	cctcctctca	tccttcttat	accgncaatt	caactcatcc	360
agaccatcct	gctctcagcc	taagacactt	attcgcttct	gnggttttga	tatatatctg	420
ngtcgtcccg	tgcctcaag	cccttccttg	gccctagtat	cggnccattt	tgtcccaactg	480
nccatatgac	cgacctacct	tggttttgtg	tgatgtggcc	taaggcgatt	aaaatcnega	540
cttgnaccgg	tnctactttt	tctnctaag	ctaagtcctc	ggaaccanat	gnccttnagc	600
cggttaagga						610

<210> 3530  
 <211> 337  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(337)  
 <223> n = A,T,C or G

<400> 3530						
naaaaaaagt	cgaacaaacc	cgtatccgc	tctttttttcg	tatgggtgtc	gccatgctat	60
tgctcgatta	ggncaagatc	gaggggggta	tctgagacg	gancttttga	tggagaggcg	120
agtagtacag	nagcccgtag	cgaaatat	agatctttgt	tggggagcgc	aaaagagttc	180
cgagattttt	cttttcttcg	ccttactcct	ctcttctctt	cttcttctac	acatctctat	240
cctccccctc	ctttgctgaa	gtttcgcgta	tactctgcaa	atctcccca	tcgctaggca	300
cantggccac	caaacaagcg	aactgccacc	actgttg			337

<210> 3531  
 <211> 323  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(323)  
 <223> n = A,T,C or G

<400> 3531						
naatctggtc	atctgacggg	caatgtntct	gacttnttta	ctcaggaaag	gcgatagatg	60
tgnaaatga	cggaagctc	tgagtnctcc	aaaaatgtnt	ttatgntcc	tactccnaa	120

caagggagcc	ctgaaaaaca	gaacttattg	ntgagantcc	tgacagtgat	cgcaagcagc	180
gattcctcna	ctttncatcg	gntggcagta	ttcttccacc	aacgtgggctg	cactcagaag	240
cagacggnt	cctcgaaacc	tgtaaataga	tctatcatct	ggcnnatggt	tcgtatncag	300
aacctgaacc	aggtatgagc	aca				323

<210> 3532  
 <211> 129  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(129)  
 <223> n = A,T,C or G

<400> 3532						
nttnacagcg	atgcccaga	tgtgatatac	naaatctaga	cgagtctgac	atggananac	60
cgttatcatt	cgncatgct	ccagaactcg	cgtgtcaaga	gtgccagatg	gcntcatnga	120
tctactaaa						129

<210> 3533  
 <211> 589  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(589)  
 <223> n = A,T,C or G

<400> 3533						
ccatcttctt	cttcacctgc	attactcatt	actccctcgc	cttttatact	ttaggcattct	60
atacatacag	actcaacatc	cacatatatt	acatcctcaa	cttacctggt	catcttcagc	120
tgctcttcat	cgtcttccct	gcctttgact	aggaggcggg	gatcagaaca	ccagaacccc	180
actcgctgg	ttactcctct	ctatttgctc	ccttcatttc	tttcagtatt	acggcaaacc	240
gagctcttgg	aactgtttgg	catccgctcg	cgtctatcgt	tctcgttggt	tactatcctc	300
cttggttctt	tgaactcaacc	ccgagtcaga	ccctcctcac	acttcaaact	cttgatctga	360
aganctgcac	aggatatcat	cacctccctt	gatcacatct	cangcggcan	ggtcagttta	420
ccaagatgta	ttatctgctt	gcttcattca	caanacgctg	cacagctacc	attgtcaacg	480
aataagtgtc	ctccactcgc	ccgcgatacc	tcacacaacg	gnggtatgat	ctgtgctggt	540
caacanataa	atcggaatt	caaacacgac	actaactaac	ttaacatgt		589

<210> 3534  
 <211> 627  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(627)  
 <223> n = A,T,C or G

<400> 3534						
caaggatttg	gcttcattcc	tacgaacagc	ttccagcaag	caaaatcgac	tgcaatttca	60
rcgatttcaa	gttcgcccgt	tgcttcgtct	qgaattgtcg	accggtcctt	gggtgatgct	120
gtttctatca	naaacggaaa	tatttgctac	tcaaaaaata	tgggaattgc	gcataccac	180
actaggacca	naacagactg	aactttgatt	ccactacagc	tcattccgaa	cgcaacccac	240
gtatctttgg	taagtaacat	gtgaagctgc	aagttcaaag	gagttgcttt	gcattgatgaa	300
acaagttata	tccattcaac	gacatnatct	tggccaagtc	accctcccgc	accttaaact	360
ccttggtggg	tgatgatggg	ttgnqgaagt	tctcttcgga	gtgttatgaa	nactccaagt	420

gtcagggctg	ctggtagctc	gtttttgggt	tatcagtatc	cagggccggt	cgagctgact	480
gaataaaaaac	cgnttggtg	aactatcgca	tactctttgc	atcgngtata	atcttccgcc	540
cgttatagcc	ctcnactttg	aacagtgggt	aacggataaa	tacagattna	cgagtgggtan	600
atctcgatct	tttgaanatt	ggagggg				627

<210> 3535  
 <211> 101  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(101)  
 <223> n = A,T,C or G

ntgattgggn	ttggaggacc	togagaanat	cctaantgna	tacatgnnc	tcaggcagac	50
cttaaaacta	aggnatgct	agactnaagc	atgcaagggtg	g		101

<210> 3536  
 <211> 633  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(633)  
 <223> n = A,T,C or G

tttttttttt	aaaaaccttc	ggatgattac	togagataca	ttctaagtag	cgccgtgcag	50
tctctatga	ggctgccagc	ccgagcagtt	atcccttcac	cctttgacac	aatcgcaacc	120
ttgtttataa	ccgctcgctt	tgggtgagac	gtgggaatga	nacaagtcgg	tgctgtttgg	180
taagcccgtg	atgacatnct	tgtcnccccg	agttcctcgg	cccattagag	gataaagcgt	240
cggcctatca	ccaatgatga	ttttgaccgc	gtatccgtgc	atnaagattc	caccgccgat	300
atcctccagc	ttttactgct	gatgtgaaaa	aacaaaaagt	atcagaaaaag	aaacacgcca	360
ntataaaaag	aaaagatgag	gaaagggggc	aagtaatccc	cctatgggga	agattgacca	420
tgatcaacan	aacattgctg	tatgaatccc	aagttcagta	tgcatgatca	cacctccctt	480
acataatctg	atcctgagtc	aagccgacgt	gaggatctgt	gtccatgacg	tcntttcccg	540
ccttggttaa	ggtcttcacc	aaactcaagt	tgnggggaacn	accgccgttt	tgataaccct	600
ggaacttggg	aaaggcagtc	tcagcgggtc	tan			633

<210> 3537  
 <211> 660  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(660)  
 <223> n = A,T,C or G

ccggggcccg	accggtcaaa	gtgggtggatg	aagaaatgga	cttttttngaa	agcctcaatg	50
ntgggctttt	ccgnqgaqaa	taacgggttta	cttcacatag	agcacaaaaac	gatacccaaa	120
agttgatgtt	attctacntg	cattcaatcc	cttttngacg	gggtgaaacta	ctarrctgtc	180
cgcaccagac	ggcccaaatc	cgatatgaag	tgctcactcc	ctacgactag	gagtcgtaac	240
accgcaaaac	atcggaactt	tgttgatcat	ggataggcca	tcggaacaag	agatggaaaa	300
acagtaaaaa	gcaagcgatt	ttgaggccgc	taaaccactc	ggnattgnat	gccagaccc	360
cacgccagac	accctttgac	ccttattttg	aggagactgn	ggggatattc	acaaagtgtc	420

cgacatgcgg	ggaagccgtg	gggggtttgct	cggacaanac	ccgggggagag	gttaatggcc	480
catgccagca	gagacngtca	aaggaaaagg	cttgctccct	caattgcgtt	tgatgcgggt	540
ttgaaggagt	naccgagtca	nggtcatgtt	tggggcnaaa	tcccaaaatt	ntgctttgca	600
caaagaaggt	ctgatgaanc	aantcgtggg	gctcgggttc	aatgtnata	aaganacccc	660

<210> 3538  
 <211> 221  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(221)  
 <223> n = A,T,C or G

nttgagtcca	cgattttccca	taactcctaa	gogggogagga	tgacaagcga	tggaataaag	60
ggaagcgatg	aggctgggaa	catcaagcac	gaacaaggcc	ttcagtgacc	agggataaat	120
gcaggctacg	tcattactag	cggggtatta	aactatcata	ttgtgctact	ttgcacgatt	180
cataaaattt	ttgagtaata	aaagttaacg	atgttagtat	g		221

<210> 3539  
 <211> 163  
 <212> DNA  
 <213> *Fusarium venenatum*

cgaagacggt	ctcgtgggtt	caaggtctaa	goggtttatg	gtgaaaatta	ttggccttgg	60
gtggagttgg	ggccagttta	tggggcaaat	gatgccgaac	atcggttgc	aaatgggtct	120
tgcatggaat	tggcgtgcct	aggtatcaca	aaattctaca	atg		163

<210> 3540  
 <211> 525  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(525)  
 <223> n = A,T,C or G

gaataataat	cctcaacctc	agtcttcac	caaaccaaga	ttggactttt	cgctccgtatt	60
tccggttttt	cgtcgcaatg	ccaagcttca	agtgtgtccg	gtaaaggaaa	tttcagccgc	120
accgaaccac	aagcctcttc	tcttagatgt	tccggatccg	caaggattca	gtatagtctc	180
ggagccgacc	ccaatccaat	ccagcccagt	cagttgagcg	atcgattatt	aagcttgtaa	240
cacagctccg	cgggtgccga	agctcgaata	gtcttgtttt	gcccaatagt	cgactgattg	300
ttgaanggga	aatggcgagt	tccagctatg	ccgatgctgt	catggtactt	atgcagctct	360
cgagtgggtg	acgtgttgat	aanogttggc	tgaagataca	ttcacaattg	ttcagttgat	420
acagcgaagt	cgatcgggtt	ncgtataatc	cttganatgt	tcctccctgc	gactcgaatg	480
tgtntaggan	atcctgccca	atcncaggg	aatcctcact	taaca		525

<210> 3541  
 <211> 430  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(430)

<223> n = A,T,C or G

```
<400> 3541
cgctcatctt gttgaagatg gcatgacggc cgatgagatc cgaagactag aagaggagga      60
acgacanttg gacgacgaga ttgaacgtgc agggagacga tagtgctgcc tcgcaatgcc      120
agaagctatc tcggtcgaaa agtcgagggg tactctcgtt tcttgcatca tggggtttgg      180
agttttcggg taatgacatg tctgatcctc acggtcgctt tgagctggcc actcacttat      240
gttgtgtaaa atgtgtgagt gagtaccgta gtgggtgggt gattgataac atctatcgcg      300
aaaataccgg agccttttan tttcaggcgg actgaggaag ggacaaaaat ctatgataat      360
ttgcttaatg tgcacttctt gaagcgtata taaaccatga agatcagttg ttaatacacg      420
ttatttagtg                                     430
```

<210> 3542

<211> 483

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(483)

<223> n = A,T,C or G

```
<400> 3542
gcaaccagct atcactgagc ttntattaag ctacttttta ttgattagat accatccatt      60
acctcaatac cccattccaa acacacccac cgtnttggtc caactgtcag taaccccacg      120
cttctaagcg cgggggtatc ggttcgtttc attgggttcg tgtttcatac aagcctcatg      180
tcttgacaaa ttcccggtaa atagaatgag tgccgaatga ttgcattcca tcaaggctcg      240
ctacatgtgt accgctcatt ctggaggggc agcaagggtan tcttcagggt atcanaaaag      300
ttggccgctg gaagcacaag anacaaaatt agtggaccag tttatgggtc ttanactacg      360
tattttctat ccccaaggct gaggaggncg acttttcccc tacttactaa atagcccage      420
agtttcacaa ggaanacgat tggcgtttat gctatatcgt gtctcgacca cacaatcatt      480
tgc                                             483
```

<210> 3543

<211> 595

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(595)

<223> n = A,T,C or G

```
<400> 3543
ccccaaaaag gttatcgctc aactcatcta tagagttccc aggcgaattc tcgcagattg      60
atttcggccc atcaatcgac gagcgaccgg ccagttttgg catgggtgtc caacatgggt      120
tcagccgagt tgacccggtt caccgtgacg tcgatttgct cggcagctct gctgagcttg      180
tcgaagatcc tcccgcgaga cctcgcaact gatcttgctg tgttgatcgg tgtcacaaca      240
aatgattttg tgtttcccaa cgcgattgcc cgccatgaca tgcctctctat aaacacaacc      300
atcacctact acacccctta cgggttacat cttaatatata tttctttttt gtttggttac      360
cctcagggtt aaaocgtatc tatatgatct atagatcaag gtccataagg attttgcaca      420
tgagcacaca tgtctccacc tttctccttt tctctctctt tttggttacg gatcatacac      480
attcaatcac agcgtgggag acntgcggag gaacacaagc taggaaagta caagcgaaaag      540
gacaggcggt ttacgtgaat ttcgtggcca tatttgcctc aactggggac ctatc      595
```

<210> 3544

<211> 240

<212> DNA

<213> *Fusarium venenatum*

```

<220>
<221> misc_feature
<222> (1)...(240)
<223> n = A,T,C or G

<400> 3544
natcttgnat cctcaanttt tcatcaagta cacttcgcca agaaggactg ngangaaatc      60
aacgctcttn acactaagnn nctggatntg cttgatacga cgancctttt ttagaacggc      120
ggcnacaanc accgattcgc tngtngcat accccgagcn atctttanta tnctaaccga      180
aaacacattg gtgggtatct ggncaacatg gaatacgttg ttgancacta ccgatcaaca      240

```

```

<210> 3545
<211> 583
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(583)
<223> n = A,T,C or G

<400> 3545
atctttgccg cgattttatc aacccttggg tgccaggagt tgatcgctcc acaatctttg      60
cccacattga aagcgattcg ttggcagcat gtctaagtca agaaagaaaag ccacagcaac      120
ggtgagccat catctacaga tatccagcta caaggatggt tgccgagggt cctttcgatc      180
tacctcaacg cacagaagcg cgaggccccc caatctctca catgtgtcaa gaactgcctt      240
atggccacga ctattctttt cactggagggt caaaaccacc tgccagcttc cgaagccctt      300
gtagcacggt atctagacga gctgatggat tgccctcactg atagaatgac tgccaggatt      360
gcggccaact gcatcagatc catactgctc cagtcgtctt cgactggcgc tgacctcagc      420
attgctcgct acttggtccc caagctggta gcttttgtga ctgacacgga ncctgaagat      480
ccgaaaacgc aagggccttg gttgctcaca cgctttgccg atatgcgggt acagttgaca      540
agggtcgacn tctancacca ttacagtggg gggtagccga ctt                        583

```

```

<210> 3546
<211> 301
<212> DNA
<213> Fusarium venenatum

```

```

<400> 3546
cgatcacgat gatgttatga agcgattcgc tgctgccggg gttcagattt cccagattgc      60
caatgaccag gagcccggtg acctgagcaa ccaggagaac actgacgggc tgtggaacga      120
tttggttcag tacttccaaa aggcgcgtac ggatacagag cacaagatat tcaagtggcc      180
tgctgtcacc cagggttggtt acccttacag tcaggaaatt taagaacggc agggatatga      240
aataaaatat tatgatgttt ttagcgcttt atagacaata gaaatgatat ctaatcacct      300
a                                                                301

```

```

<210> 3547
<211> 144
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(144)
<223> n = A,T,C or G

<400> 3547
nacaaggctt tgactgtant ggtataaggc ganccttagg tactacatga nccttgaaga      60
ngacagacct gatgatgggg aatanattca tcaatctaac atcttcgntg ataaagnct      120
tcattttacg gngtccaacg aatg                                144

```

<210> 3548  
 <211> 485  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(485)  
 <223> n = A,T,C or G

<400> 3548  
 gaacgggtcaa cgacttggtg atatctcaat cacaatgcc a gagacactag atcctggaac 60  
 tccaaccatt acgcgcgccg tctctccggg cggcgtanag aggcgtcggt cgcgaaaccc 120  
 tctcaagaac atgatgcaac atctaactgt ggatccccct ccggatgatg atgttcgtga 180  
 acccaggaga gcttcgctca taagccgcac cagctggggc cgcaagancg gcagtccttc 240  
 tgcctattct gatagatcag gaggtcnacc tcaagatccg aatctatgca ccgcctgtgc 300  
 tggttgggct gcgcacattg actctacatt cgataccntg gatgactttt ttacaagggc 360  
 tctaaatcct acttctgcag acacttcgaa aacaaganca tctctaggtc nactnaagga 420  
 ctccaagaaa accgcttcct ctcnaaattt ctctctgcaa atntcctctc agtccacatc 480  
 ccacc 485

<210> 3549  
 <211> 109  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(109)  
 <223> n = A,T,C or G

<400> 3549  
 naggcgaaag aggnccgcna acgagaggct gttctcggaa agaagggcaa gaagaaatag 60  
 aggatanatt atgacagact tgacgattat gatcaatgaa tanatcctg 109

<210> 3550  
 <211> 631  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(631)  
 <223> n = A,T,C or G

<400> 3550  
 cgagggccaa cgtgcgtact cctatccgga ctatgatgcg atcagcttac cgggtgcaac 60  
 aaaagacggc aattcagttc caaggcatgg attcatgcgg cagcgcgagg agagcatgac 120  
 aqatactgat gctgcgcggg gaatgtcacc gggaaagaggt tctttgtcta gtgtgtgatg 180  
 atgacctgtg tgatgcctgt aaagggatgt tgtgttctgt ttttcctagt gacgccttgt 240  
 tgtggaaaan aaactgcaca cggatattgca cttgtgatga tgatatctca gtgtcaagat 300  
 ctaatttcat tcttaaattc tgagaagcga aaacctgata tctaactcat ccgcaaatga 360  
 gtcaatgtct cgtgatgcg ccttcactc ctgggcttcc agcagggccg aatactctgg 420  
 aaccttccat ttctcatcgt gtcttaaccc aaaaacctca tcgaagacgga gataagqatc 480  
 cgtctgtgt atcgagtggg gcattccanat tccaaattgt gtttttggca tgaacaatgc 540  
 ttccgcgantt tngttccctt cgcgcngccc agangtccgc catcggccga aacactttct 600  
 tgtatcggtt taagggtta accactgggg g 631

<210> 3551



<211> 590  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(590)  
 <223> n = A,T,C or G

```
<400> 3551
acttttgagta cgcgcaagcc tcagctactt cacttccctag ttccactac caaacaagac      60
aagatgtcaa cttgaagcta tttcttctct tctatgatcc ggactaagcg ctcggaag      120
cctgacacac ccacccactt atgtacacca cccgtccccg tgctctgctt gtctacctct      180
cgatccaagg caaggatagt ccacccacca ctctttctga gatcgactta ttccttgaac      240
atgggggggg tactatactt tattatggac atactgtcgt agtagcagca tcttgagaag      300
cttcctgctc cttgccccac atcatccgac tccaaacccc agcgccgtca tcaactttac      360
cgaatctctt tgettgnctt tgcctccagc atcgccaaga ctttgaaatg ttttggaat      420
ctgttcgggt ccattgagata tcagcgtatt gnacatcaac cgggtgggaaa cacttcggcg      480
tcattccgnc cgcgtgcgtc aagggtccag tcagtacaag ccccatgtt cctcgtgca      540
anagaccctg aggacgatct ctggtcttaa cgggcattac caccnatctt      590
```

<210> 3552  
 <211> 585  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(585)  
 <223> n = A,T,C or G

```
<400> 3552
cagatacatg gtgttgaaga tgacactaca gacaagtcca tatcgctcag catgatagtg      60
cgacacatac gcagaggtat atatccgctc tctttgttct ctttcgcttt atcggggccc      120
atctggcaat ccggtatctt tccccatggg ggctccctatc atcatcttgg caactttcaa      180
cagttgcgcg gttagacgtg ggtcgggttc tttcccatct tgctgatcgg ctcccagac      240
tcccacgccc acacccccaa tagcccgatg ctttctcatg actaaaggct atcgtgcaag      300
catattagtt ctatgcttga tcaacttcta cgccttcaag ataggctcgt ttgtggtctc      360
aagcacaacac tctatctttg ccttgtgctt cctttctgt catctgcata ctgagttgag      420
tgtgagagcc aatgatctct ttccaacact ttaccctaat cctactaaag atatatgcgt      480
gggatgcctg catgaatggt tcaaagcatg ttgnatctga acngtccatg tttcnggctt      540
ttgtggcccc attcacgttc acgtttcgat tatgcctcat gtgtc      585
```

<210> 3553  
 <211> 163  
 <212> DNA  
 <213> Fusarium venenatum

```
<400> 3553
ccaccagaac cacaaccatg ctcatgtgga tcttcttgag ctatgcctag gtggtctgag      60
atgatcaaga gcaagttgag tcgattatag ttattgtaag cttagtcttg gcttgaccaa      120
gcagatacat agcttctaaa gaaacagaga gctgaatttc tag      163
```

<210> 3554  
 <211> 427  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature

<222> (1)...(427)

<223> n = A,T,C or G

<400> 3554

naagtgcac	cggcatttga	ggcaaaatag	tcagtcattc	ggacttgatg	gcttttttgg	60
tgtgacgcca	tntttnttt	ggtgtggngg	gtcattttan	aatcatcett	gtcaatcgga	120
tcagataact	cagtcaactt	atcaatcacc	ccactanaaa	agttcgccctc	ggcttcatct	180
anaaccttgg	actccattat	tcategcate	gagtcctcgc	cagcgtgtcg	attattacta	240
ctctccgtat	agnaacggga	cnaaaagtaa	ccctactttc	ttgggctgcg	aaaaaagtag	300
tgcagnggan	gcccanaaa	gctgcaagtc	acaacttggg	gtgattgttg	ataaccangg	360
angggtcgtt	gccaacggtc	nctttgcagc	tgtttaaach	cttaattcac	aaacaaaaag	420
aatcggt						427

<210> 3555

<211> 422

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(422)

<223> n = A,T,C or G

<400> 3555

caatctacaa	cgaccagttg	cctcgagatg	caccgggtggc	tcgcgatgac	aatgtgaaga	60
tctctcaca	cgttgaggcc	gatgtcagcc	atattccgga	agaccagctt	tctcgtcgcc	120
aaggctcaga	cgggcaatgg	tactacgaat	tgaactgcaa	aatagaggca	gtctatctct	180
cggcattctac	taactatact	ctactttaca	acggccagcg	atacaacaca	gtgacgtgcg	240
agtatgtcta	atggttttaca	cggatcctgt	tgaacccgta	tgtcgaaatt	gatatgtatt	300
ctgattngt	tctatctttt	ggtgcctgcn	gctttgcaat	ttccctctt	tttaggtgaa	360
tgcattgcgc	tattcttaat	taggcttctt	cttattcatt	tgacttggct	tttaccaatc	420
ag						422

<210> 3556

<211> 630

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(630)

<223> n = A,T,C or G

<400> 3556

ccatacttag	aatcattcga	ccctottttaa	ggccatgagc	gttgaagaca	tatttatctt	60
tcacttgtaa	gattttggtt	tgtaggctt	ctaaaacact	caacatcagt	nngggctttt	120
ccctaccttc	atttactcga	cgcaagcacc	cacgagacga	ttggtcacat	acaaagaata	180
ttatatacag	cggaaacgaa	ctgcgaagca	acccaccata	aggaacagtg	acggcaacag	240
aagtggaaata	catcatatac	tgtcacacag	acgcaatact	tggtgcacga	aaacagtcac	300
tatccgcccc	agctatatacc	attctcttgg	cgaactaaat	acaccagatt	tcttgggttaa	360
ctttcgagta	tcaccatttt	gaacctgggt	acaatcgatt	aactgatcaa	caaatactcg	420
gtaaatcgac	aaacgatacg	atggcgccag	atcaagggtt	tgagggccca	qttgagcggc	480
cagacggagt	ttgtcaacgt	cgggcccctg	gcctaattgt	gaaggcgaaa	ccccgaccag	540
agaaggagac	caccagaaaa	ccatcagccg	acgaaaang	acgaggccnc	ccaatcatca	600
caagttttac	cggcggggtt	tgacaatggt				630

<210> 3557

<211> 632

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(632)

<223> n = A,T,C or G

<400> 3557

tggtgaaact	cacgatgctc	attgtttctt	tgaacgaact	gctcgtaata	gttccgggttt	60
aaagtgcaac	tcgagacctg	aaagttcgat	gccacactac	tatcaacaag	atcagcaaag	120
ggcatgactt	gaacgagaca	ttanaaatga	tcaaggcgcg	ttcagctcag	cctttggggcc	180
ctgggtatcca	ataaatggcg	cgctatnaaa	agatccggcg	gcgatgattc	actatcagac	240
agcctcgatc	agccacatgt	ctctgtaagt	gattggcaac	tcgagcatgg	cttnttttcc	300
gctgtgataa	gtccctatcc	ataagcaatg	acgcagctctg	tgcggtgaat	cgccaagaga	360
taaatcgaag	ctcttgcatc	gaccaaatac	aggataggct	caaacaattt	gttctcttgt	420
tcgnaactg	gggaacaaga	gtcgttttaa	ccttggtttt	aacctcaacg	atgngggggg	480
ttncacagag	ttttatcnga	gcccgcattg	acatgttgac	tgaacatggt	caaattgaaa	540
ccnctacct	gggggagttt	ctactcaaca	tggcncctgn	tgggatnttc	tgaagangca	600
gcaatagcaa	gggacttntt	ttgataaaaa	aa			632

<210> 3558

<211> 224

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(224)

<223> n = A,T,C or G

<400> 3558

gaccctcgac	gtgatncaen	ccgccccacg	acaccctcgt	cctggtnaac	gaccaggagt	60
cantctggct	cctgagaact	ccaacaccaa	cgtcagcggc	ccttgcaagt	gctagaatta	120
cnccnaatt	ttgaaagcat	tgatttttaa	acacctttta	tcaccctacc	ccatatacct	180
aacctcact	tgaatctatg	ctggcacgct	attctgcacc	aact		224

<210> 3559

<211> 258

<212> DNA

<213> Fusarium venenatum

<400> 3559

cgaaggagta	caataacggg	aatcagcact	ttatctgaat	tggaacagaa	tgtagctgct	60
gcaagtgcaa	ttctcaaatc	gacaaaggca	tctgagagct	tgcaggatta	tactgagctg	120
gatacacagg	cagtggagag	tcgttccgaa	ctgtatgagc	atattcgatc	aatgcttggg	180
acttgggtag	actatgactt	tacaggggaag	aaagcgaagg	aataagatag	cactactaga	240
actaacatat	ttatcctg					258

<210> 3560

<211> 590

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(590)

<223> n = A,T,C or G

<400> 3560

ctgcggggcg	cacggctctt	acttgccggag	tttatcattc	atctctccgc	caccgtgaca	60
gttactctgt	acgagaatta	ctgttacaac	gggtgcactc	tgtataattc	aagaccaggc	120

aacccattac	catatccatt	cggccaaggc	tcgcaacttt	attatctgtc	ttgcttgagc	180
ttgattcgcc	atcacccatt	ccaagctcca	gccttggtga	catttatcaa	cactttttaa	240
ccccgggcaa	ccagtggatt	agaccaggtc	caaccataca	acaacagtc	tgactcggct	300
gacactcagg	gcaacgactc	caggtggtag	cctaccggtg	gcctttacca	gcctcgcgtc	360
gcacttgtgt	tctcgtcaac	tgatantggt	tgcatgggtc	ctaggataaa	ccagcaaacg	420
gtgtccaaca	agctcatcat	aacatttttt	ggaatcctgc	ctcgttggcc	gctcgggtgc	480
tcgtctgtat	tccgtatctt	acactatacg	ctacctaate	tatctacate	cacatcaaaa	540
aaattccctc	caggggggtg	acgtctactg	aaccncccc	ttttgctttg		590

<210> 3561  
 <211> 225  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc feature  
 <222> (1)...(225)  
 <223> n = A,T,C or G

<400> 3561	
ngcaagagga	cgatggggta cgacataaga anagaaangc naggatatcc gccaatggca 60
acgaaaacgt	ngatggagca ttatcatngc tgntatgctg ccaaccttan ctactgngct 120
tgntttgatg	tacnancggg cancttggn cttggcnggt tgactacttc attacnacna 180
taacgacggg	cgctccncca gttttttttc cttncaaata aaaaa 225

<210> 3562  
 <211> 618  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(618)  
 <223> n = A,T,C or G

<400> 3562	
ttatcgatcg	agttcggcat gttcatggag cttgccaaagc ggtaaacctc aaaatggatc 60
acgtcagcc	atcccggcag ccatacaact cagaaaagcg aatgtcagcg gccaatgctt 120
tgcaaccctt	gtcatggcct cacttacaag agaccatcgg cgaagcacta gcttagccag 180
actccactca	gggtcttgca aggacctgtc cagttaggcc gtcgatcctg ctcaaccttt 240
caaacgcccc	atcgacttgt ctgtctggcg aggctttgcg ctcgtgattg ccagcgaaca 300
cgtaaggat	ttatcccaaa atctcccat tcaaggcact acaaccaata aagaatctcc 360
aatctgcaga	atctggtctg caaatcctgc tcggaagatg cagcatatgt ccgcgcacaa 420
gagttgatgc	gataaatcgt tccgcagctt tagctctcta caaagcttat gggctcttgca 480
atagcttgga	cgaatgatca tgatcaaaan gcaccggcg atcacccatt gccttctcaa 540
tttggtgggt	cgggccccaa cgattgattg taaganccaa tncatcgatt gntttcgaaa 600
cagatattat	tccgtgag 618

<210> 3563  
 <211> 130  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(130)  
 <223> n = A,T,C or G

<400> 3563	
ngcggccata	tatacntatt ttattgaggt ngaaaaatat gacatactnt cctgggnacac 60

aatatctttc aaccacagcgc aacaaattca taaaanggac ttggttgaaa ttgccatgt 120  
ncacatttgc 130

<210> 3564  
<211> 169  
<212> DNA  
<213> Fusarium venenatum

<400> 3564  
cgcgattctg ccattccgac agacggaaga agacttggag atggatgatt gggatgagga 60  
tctcgacggg ccacgacctg tcaaggagac tgctacagtc gccaatggag atagcgacac 120  
attagaacca ccatatacac catcttttgt cctccgaaaa aaaaaaata 169

<210> 3565  
<211> 247  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(247)  
<223> n = A,T,C or G

<400> 3565  
natntttacg ccttggttctt ttngaacact tcatcagcgc gctaggaggg catcatgttg 60  
tcctctattg taagaggngn atgggtgata cgggtggccg accaaagcat gtcattggtng 120  
ggcaggtgtg ccttcaaaat ctacatgtga angatatgcc ttagtggnna aagagtagtt 180  
tcgttggang aangttgact ttggaagact taaaatgagc taatagattt tcttttatgc 240  
aaaaaaa 247

<210> 3566  
<211> 145  
<212> DNA  
<213> Fusarium venenatum

<400> 3566  
tgtacgagtc caattccact taagcgacag cgtctgtttt gtgttttttag catttcatta 60  
tccaaaaggg tagagagaaa cttatctaga gcggtcatat attcatattt tatgaggttag 120  
aagaatagac atactatcct gttac 145

<210> 3567  
<211> 174  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(174)  
<223> n = A,T,C or G

<400> 3567  
ntctatcgct cgntagaaaa nngctctgaa aaagactccc ttgcaccgtt aataacatga 60  
tgtttaacaa ncttggttatc anatacatcc gctaaagagc acagtttacc tcgaggnggc 120  
ttcnggctg gttgaacnct tttccnaag aggggttggg nntttttgta ggaa 174

<210> 3568  
<211> 562  
<212> DNA  
<213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(562)  
 <223> n = A,T,C or G

<400> 3568  
 gacgctgcga gaagccgtga cccagctgcc ggtgctgcag gtgctggcta cagcgagtct 60  
 gcctctcgat ccgagacgcg cgacgcctat ggaggcgccc ccgaccgaag catccagtaa 120  
 atgcacgcac gacgtttacc acgacctgac tgatttatct gtcaccgcgg tcttttctcc 180  
 ttctctctac taacacacct gctttacttg ctcaacttcc tctgttaatt gttattcctt 240  
 cgttgatttc ttttatgttc atggactaca gcagactgaa atcaggctct gcttacacag 300  
 gagttcagtg tgatttgcca cagtaatggg attggaatca aaaatgggta ctcggcctgc 360  
 gtcacttgag ttttcttatt gctggtcggt tttgcgacaa ggtcacagat ggaccaaata 420  
 tggcagcttc cggatctttg caaatcaaac acttcacag tcattccatcg cgtcttcgac 480  
 gactttatga tagcttttgg cagcacaaca tcaaccagat gtcgactccc ggccctaatac 540  
 gngaattccac atggactatt aa 562

<210> 3569  
 <211> 589  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(589)  
 <223> n = A,T,C or G

<400> 3569  
 caaattctat ggccaagatt ctggctcgagg aagaaggctcg aattcttctgt gctgggtcacc 60  
 ggttccgtgc tggtttcttc aaacaggagc agatcgatct gctcagcacg attgacgaca 120  
 ttggttccga tctatgcac gtgggaatgc taacccgaga tggccgagga tattggtggg 180  
 gagctggttg aactcgtcaa gacgaagggt gctgttaggg ccttcaaaga agacagagac 240  
 gttgcactta agtgcattgg cgaaagtgc ccatancatt gggagcgatt tgcgatgct 300  
 cagaacaagt ccgtgccaac attagcattc accagcagca aagcaggggg atgcgngga 360  
 cganaatgca attgccgatt agagtagtat caccctgtgg acgggtgtgt agtanaagct 420  
 tgtttgggtg ttgcattgga atgatttgct ggccattgag gggcanacat acatgtttga 480  
 ngtggacaag aangacataa cttgcgcattg gacgcctgcg cactccttga ttcccatctc 540  
 ctntttttct gctttgagcg gggagttatt aatctaenta caatctctt 589

<210> 3570  
 <211> 300  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 3570  
 tggcgaattc cgttcattgt ttgtcagtag cagaagagcc tcattatcgt tattgttttg 60  
 tcttcagagta gtctgggggc tacaagacan cccctcattc gaggctgaaa aggacccctg 120  
 ttcttcatgt tcttagactt tctagcangg tccaccgntt nctttccccc gcaaaaaaga 180  
 cnacccctcg atctgggtga atcttctagc catccagaca ggcggtatgat tgtgttgctt 240  
 ggcggttttg cttgaaaatg gatccaattg aggcgcgtca atcataacaa gnngggctgt 300

<210> 3571  
 <211> 114  
 <212> DNA  
 <213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(114)
<223> n = A,T,C or G

<400> 3571
nagctaaana tctcgatgac natgatctnn acaaagctgt ngagatgtn naggggaaag      50
ccntatgcgg tatcgacagg tagatgacgn acagagtgn atcggaaga attg              114

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<210> 3572
<211> 728
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(728)
<223> n = A,T,C or G

<400> 3572
ctcgcatgta gtacataccc gagaatgcat taatcgtagc tcacgtcgct aataaccatt      50
caccacaaac tctttcacgc aaagacagac catcttgggc cgcacagcaa cgcgcaaaca      120
gtgacatgat ttggccatt gttaactgtg ccgattacag gctattgggt cattaagctg      180
attctctgtt catttggtga ttgtgattca agtaacagat gttcgaatct attcagaaat      240
caacaggcaa gtattaacat atgccaagc ctgagtgcac caatgccagt tgtataaaga      300
ttctgaaatc atcatgacca gtccaagaga actactcgat atcagccatt aacttctatt      360
accaccaagt atccgcacac acattgaaaa tgaagtcat ttgggtattt accactcttt      420
tcgctttcgg tactgctgac tcaaaccaat ccaagcaacc cagtcanggg acttcacggg      480
cgattacaac tggggatgtg ggtgctgaac tctacacttg acctcgacag ctgtgcatac      540
ctgctgaact agctcggaac cgcttccaag actggctggt ggacgatagg aacagccaac      600
gtgatgagtt ggtcatctng gcttttgtca agtgactatc aatctggact ctttctcact      660
ttgtcctcca catgaatggg aaaaagttga tcaagtcttc angggtnaca aggaagggca      720
acttaaag                                         728

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<210> 3573
<211> 434
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(434)
<223> n = A,T,C or G

<400> 3573
accgacatgg gagggccactg gcgtcatgaa cgatatcccc aaaagaggcc gttgggaagg      60
cgacgcgcga cccgagccac caaaacgccc cggtatgcaa cggactgnta gtaagcaagc      120
catttcagaag gccagttcg acgtcaaaaca aaaagtttc gatgccatgg atacagcacg      180
tctgcgggag ttacatctgc gggagctttc tagtctcttg aggtcagcca aggtacaact      240
cgacaataac tcgatgccat tcgacttcga cctctgtct ctgcacttcc ctgcgttgac      300
cctccaatgc ttacaacctc ctccaactct cttctcctca acgcagcctc ctacatcgac      360
atcatggctc gtccagtcgc caggacagcg cgaattcgaa gctctacaga cttgggttcgc      420
agggcaattc aagg                                         434

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<210> 3574
<211> 130
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(130)
<223> n = A,T,C or G

<400> 3574
nccanccatc naatccatga tgagtgcaca ngatcntctn tacggggcgca nnacattttct      60
ctnccancca acactttctga antcttncgc cgtcnttnga aactgggtacg gaccnntcaa      120
ggantactcc                                     130

<210> 3575
<211> 259
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(259)
<223> n = A,T,C or G

<400> 3575
gcnagcaatg ttatggcgac cagcaccaat gagacagcgt atgctccaat tataccacnc      60
gatctgagcg ggtaatatg tcngtgtcta cagggcctcc tggatataggc ttgtctgtgt      120
ccccgagctt tnagcacgga ggatagaaag aagggtccagg gttgagcaga tgcaaaggag      180
tgggcaggtg ttgtatntag taagtagtag caggccagac aagaagtaac aagcgancac      240
cgtnttgaac anaaaaaan                                     259

<210> 3576
<211> 457
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(457)
<223> n = A,T,C or G

<400> 3576
ntttcaactt cagccgacat acccttcgca acacttnatt attgctcgtc accaccgaca      60
gcgcttgatt tcactcatac atcaattaaa gcctcttcgc acaacgtttc tgcgtcacct      120
cccgaacagt cgtaatatc acatatattc acagacgcca tgagtgtgcg attcnagcct      180
cggagtttca taatgangg gggataccct cccatnngtg acgaccagga ccatgatcac      240
actgcgcgac aagattttac agacaacgat gtgcgcgagc agctcancga atagacaacc      300
gagggcgtcaa tgettcagac tccacaggcg ttctcggaga cnaccgaggg atgatgccag      360
acgatgctgc tgggtgtacac gatgcgactc aacttgactt ggggcacccc acattcccct      420
ccccatcga ggttactatc cacgacggtc ttctgaa                                     457

<210> 3577
<211> 629
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(629)
<223> n = A,T,C or G

<400> 3577
ctcccacccc gcccatntgg ttccgtcttc cgtccgtcct cccgttgact tcccgccttg      60
gatcaaaactt gttccccctt gctcccgcac atcgcttcta cgcgctcgtc gcaccagcac      120

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tctnnggggct	caatattaag	cacagtacta	aatctgtact	atcgntacgg	cccttctctc	180
acaatcaaac	tactgagcta	ggtcattacc	tagccctactc	tctccacgag	ggacccgaac	240
gacctenctt	cgaccaacgc	taaatcacac	cgattctcgc	atatccgtcc	acctttggca	300
ccacatagga	cctcttggcc	ggcgtatctt	tactcaagtt	gngaccctct	gacccctgag	360
gccgaataat	ctcgttccaa	tactgcactc	atacttgata	ttcctcacac	aacagccatc	420
tgntggacta	agcataggca	aaatttgacc	caacgcctct	cgctaaatat	tcgaggggtga	480
tggcacgcaa	tctggttgaa	cttcaccttt	taataacccg	tttttgcccc	gccaacgtan	540
anatatctgc	gcccttattc	caacccccacg	ttcacacacg	attattatnt	tacgacttga	600
ncggcaaaan	tttaaaaacc	tnnggcgaga				629

<210> 3578  
 <211> 482  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(482)  
 <223> n = A,T,C or G

<400> 3578	
caacgagggt	gaattcttgg gattcctgcc cagccgtctc gagaatgcc tgacgacttc 60
tgcccgcacg	atgacccgatc gtatttatgt ggttgcgctc cctatcgacg gtgccaacat 120
tacagttgct	ggtagagca gcaggttcgt ctttcangac attactgaag aggtggattt 180
gatgatctcc	cccgagagca aggaacgaagc gcatgaggaa atttaaaagg cccaacagtt 240
agaagggtggg	ttttatgtca catgaaatat cactatataa ttacatccca accaatatgc 300
aaaaaggctc	atccaatata ctaaatatat cgctagtttt ggctgcgccc aggttgacct 360
tggttccggt	tctattttaag gattttgccc ggcttgangg atgggagttg ctttgtatta 420
caaaaaacgt	cttttcaaaa gggagaaaaga tttttaagac cagncgacca ctgaccatag 480
gg	482

<210> 3579  
 <211> 117  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(117)  
 <223> n = A,T,C or G

<400> 3579	
nngtacggct	tgatagctnt acagctagna catatancca cataactgtg anccnatacc 60
accatncttc	taacgaatat acctatgact agggagtntn gatcatgcgt ttncaga 117

<210> 3580  
 <211> 600  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(600)  
 <223> n = A,T,C or G

<400> 3580	
ttcatgtcaa	acatgcagcc tcaaacgggt cttgtccctt tggtcggcg cagccctctt 60
caacagggat	gaatccgggc gtgcattgat ccaatcaggc aacatcaaca gcttttacgt 120
catgcaattt	gaccaataga ggagattagt cggttatgct cggctatcca aaccagaagc 180
caagacgacc	tgatcaacga atcataacac agtgaaatct ctgctcaaac tccaattcca 240

cttacaacac	tcaattcagt	ggaattatct	ggggggtgac	ggaagatcaa	caccgctggt	300
aatattcact	gtgatgcacg	agttggtggg	acgcctgcag	tctgcaaaac	ttattttcga	360
aacggtgtat	gcagatacag	catcatggcc	taataccaag	aacaatggaa	aaccaaagaa	420
gtgttcccag	gtgtcttgtc	atggctagtc	atatcatggt	gatgagacaa	gtcgatcgaa	480
tacaacttgg	ctccatgaac	atgcttaate	gccatcacaa	gttcgtacgt	gcccgtgctt	540
gcatgtgcat	atcgacacac	agctgcacaa	agtctgtcct	gcaattcgag	ctgatgcgan	600

<210> 3581

<211> 628

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(628)

<223> n = A,T,C or G

<400> 3581

caacaacatt	gccttctttt	attcogtctg	ttcaaaacac	tacacccaag	cccatttcaa	60
cctgttatac	togaatctta	ccattgtata	acaacaaaat	ccttctgata	ctagactcct	120
acttataatt	tacaaagcct	ctcgagttcc	tttcgactca	agtcagtgtg	tgggtcgttc	180
gccaccatcg	togtctcagc	attctctctc	tggctcttagt	tcgacaggta	ccattactcg	240
ctccagtgtg	agattgtgtt	actttatata	attccggcgc	agaaccgctt	cctgcggttg	300
tctgatgctt	cagtcttttt	tgtcgcatcg	tctccgttca	cgtttataac	aatcaccgtc	360
tcattggtca	taccattatg	agtagacaaa	ctaccacgtc	acataacaaa	gaaagcatgc	420
cggcctcctc	gcctcccagc	atcaaccact	ttcaattcac	tttcaactgt	tcagcttcca	480
attccggaag	aaatagtctt	atcgagccag	aaccctgatg	cacagaacat	agactcagaa	540
tcttctgaca	gacagcgtag	anaattttcc	cgaaaaaatc	gggcgcacta	tacccctacc	600
nggctggggt	atacnccttt	tccaaccg				628

<210> 3582

<211> 584

<212> DNA

<213> *Fusarium venenatum*

<400> 3582

tgcccattca	ttcacacctc	tattgagcta	ccaagtctcg	gctgcagatt	atcaagaggg	60
cttgtcggag	gatactgaag	catcgcagtc	ttaggagcac	gaccgaatac	tcaagatcac	120
agtctagttt	ttgcatggta	ccatctccga	ccaattgaca	acgacccctg	ttgatctggt	180
ggtaattggt	ggagatcgat	tgtttttcgc	actggaattc	taaggcgccc	gaaagttgag	240
ccggcttcta	ccgaatcca	acccaagctc	gtcccgatat	ttgcttcaag	caccgcatat	300
acatacgtta	cgatggcttc	gatattctct	ctccgcgggc	tgttcagccg	ccaagctgct	360
cccgccgcgc	ctacaactcg	ctttttctct	acgacagcaa	acatgcttgc	ccgcacacct	420
ccgaaacccg	tgcgaaagaa	gcccgcagta	actgctccac	gacgaaagca	tgtgcagcaa	480
aagtcgaaa	acttctacgg	cattcgtact	ctccgcacaa	acatgttctc	tcttgcgccc	540
ccacccctgc	gtatggcccg	tcttcgatata	ctccgacatt	ggac		584

<210> 3583

<211> 171

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(171)

<223> n = A,T,C or G

<400> 3583

ntgtgggtca	cgctcaatac	actggngctc	tgnatcagtn	ctcncctcgt	gtncnaggaa	60
cgttggatcg	tancactaan	cctcaccagg	gtgacccgca	tntgacgata	cqqqgtccca	120

tcaacactga naagnggctt ccnangtcaa aacgtanccg ccnaattngt t

171

<210> 3584

<211> 552

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(552)

<223> n = A,T,C or G

<400> 3584

cttccaagaa	gccncagtn	ctaaaaactaa	aaacatcttt	gntacccttc	actactccta	60
ttctccctcg	tctaaggagc	gaagctccaa	ggacaaatgg	gcggcactgg	gtgagcgacg	120
trgagctcaa	gctgcacact	ttgattctat	ttaagtcggg	gaaattttcta	agccccgacg	180
acacaatttt	ggttttggat	acaacaaatc	ttacgaagcg	ggggtttggg	atcattctaa	240
ttatcataac	aaatttgggg	ccgctaaaga	acggtctagt	attaaggagt	gcccttggaa	300
caagggaaga	gatttgaact	ggcgtcggga	tagacgcacc	gatctcggag	acgttgagtg	360
ggttggaggt	tggtaaacgg	gattgagctc	ctacaacttc	caaattgtagt	ttggccgtct	420
tgagtcctcg	gggcgatact	cgaagatatt	tcggtccggt	gcttggatta	tgacgagagc	480
cttactcgct	ttctgtgtat	aggatatatt	agaaacaatt	caaataccag	aagtacctac	540
tcaaaaaaaaa	at					552

<210> 3585

<211> 611

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(611)

<223> n = A,T,C or G

<400> 3585

gcccgttttc	tggatcccg	cctcatatca	tgccaccact	ccttcaccca	aagtcgcgaa	60
tgacgtcgtc	nntcttcgca	acgaccgtcg	ccgcctgctt	tattgtcgtc	acaatccctc	120
atatgcttcc	ttgtcctgtt	ccccgagccc	gattcgccga	tggagatatt	atgggtgacn	180
aaaatggtcg	acgattaagg	tggagganaa	aggatgccaa	tccaagggtc	gaagatggaa	240
tcttccaatt	caatgatgtg	tcaaccgagg	aatctgaaaa	cgcacacgac	agagccaaga	300
gggaatgtcc	tctaaccgaan	ccaggaggcg	tgttaggcna	atggctgggt	tttcataaaa	360
acgataatga	ggcggggcga	tgaccgacgg	aaattgttcc	aacaacttta	ttcaaaactac	420
atcgagcaca	ttccncccaa	tcacatccga	tccaatagcc	ttgacagcta	caaaaatgga	480
ctgggngggg	cgaactcctg	cnactctcgt	ttggctgggt	aactntttatc	acnaaatatt	540
ggntgggcaa	cacttaacng	cttacaaaat	ctnaaaatac	nggatggact	nttttttnaa	600
aaagggtttg	c					611

<210> 3586

<211> 498

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(498)

<223> n = A,T,C or G

<400> 3586

ccgaccacca	acagggcaga	cctggatctt	ctgtccttca	ctcacganaa	cacgttatcc	50
anacaaacaa	actctctatc	acctggctct	ccctccattc	naaaataaac	ttcaaaagctt	120

cgtacgtttt	gtctcgacga	gcgactggca	acaactatnc	tctgacaacc	cacacaacct	180
tcgacaaact	cgcccgatgg	cattgcagac	tttagcctgc	acagcgctcc	agttcttcga	240
gggacactga	tgagtgagga	ctggcgaaaca	aaaccatata	cacattcact	ncttgacaat	300
ggcaccattt	actcgcgccg	ctgtcgattn	aacacttgcc	cctgcagttc	aactccttaa	360
gancacggnt	cgaccttnag	tgacgccgaa	ccgtcttggt	ttttacctgc	gaaacgacgc	420
ncaaaaanggg	acattaaata	cgtttggnTG	notgcccgat	ccgtttggtc	ganaaaatac	480
tnaacatgCG	cgaactgg					498

<210> 3587

<211> 615

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(615)

<223> n = A,T,C or G

<400> 3587

ggctcacata	cataaagatt	gggtactcac	cgacaaatat	aaactctgcc	acaacgcgca	60
gcagtatcta	taaaaaaaaa	ggccgctatt	cccattctct	ntttctctca	gggggacact	120
ttcagggngt	gtttnttttt	actccacatg	gtcccttctt	taagcgctgt	ttccctttgg	180
atggtttttc	tgtctttctg	cccgccagac	cgcgccctct	ctnttttctc	tccaatatcg	240
cgaataccgg	tgagagataa	aagagagtca	agaaagaaaa	aaaagagggg	tccctgtttt	300
tacaaaaaaaa	gaacaggcga	gagcaaaaaga	tctcttttcc	taccgcctcg	ttctttgagg	360
ngagtaagag	tcgagacgag	aganaactat	ccccacaacg	gngggcaact	cacagacaga	420
gagacgacga	gacagatncc	gcctcatcaa	ttgtattatc	tttcgcgctt	aattattatc	480
ttctggnggg	ttgggggggt	cattttgctt	attggagatg	agcgacaang	ggatcttgtc	540
ttcacgtgcc	acctatttcc	cctccctccc	atgtgancaa	gcatntatcc	ccgttgnggg	600
tatnccacac	ngtnt					615

<210> 3588

<211> 140

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(140)

<223> n = A,T,C or G

<400> 3583

ctaatttggc	cgctgcagc	acatanaaga	taccccantg	gatgcacacg	ganacttttg	60
taatcacgca	agatgtatct	atttacctgc	gcagagtaca	gagttatagg	ttatcgtgtg	120
attgtattga	ttgtnggtcc					140

<210> 3589

<211> 270

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(270)

<223> n = A,T,C or G

<400> 3589

cacgaataaa	gctcaccgac	gctgagaaa	aaagcgattg	cagggagccg	cattaaagaa	60
agggtacccc	acctgcanga	agaatcnatt	ggcgcttggg	aagaaggaan	ctcaaccgag	120
ggacgtctgc	ctttctggta	ttcaccggan	atgctatgga	aagaataata	cttcgcctgt	180

atggagtaag ggcactggcc gagcaggata tggatgggggt ttacagaaaa tatcatgatt	240
attcgtcttt ggggatatat atcctcctgc	270

<210> 3590  
 <211> 580  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(580)  
 <223> n = A,T,C or G

<400> 3590	
ggaaaaagcg aaaagaaaact tctttgaagc cgccaacgcg tttgcggctc tcaaaatttc	60
ccccaaaggaa agaaaccatg ggcctgggcta atctccagaa ccaagggtcg aagaatgttt	120
cagcacttga agaaacgaat gctcttgaag ggcacagaat taccagcta aagggaagga	180
aattcgtcca acctgaaaaa cctccttct tgcataaan ggactgccct gttccccag	240
caacaaaggg atacacggcg cttttatgtc tcangttgtg gagcettaca acccccaaat	300
gaatccttat ggcctggcag caccatgtc caaccagcaa gtcctggctg ggcaagggtg	360
ccnnaagcga tctcctanaa cgagacaaag cccagccna gtcnacaaat caagggtggag	420
caagcagaca tgtcttcacc aagtcgcctg atagaaggac ttgatgatcc tattttcctc	480
catcncnagg cgattagcct ttccgaagca gttatcatta tnagcctttt cccnggttt	540
cagggttttg cgttcgggg gctgccagct cctatcttc	580

<210> 3591  
 <211> 624  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(624)  
 <223> n = A,T,C or G

<400> 3591	
ccgtcaacta ggatgattcg ccaacagggt gttttggagc ttcttgccgc atcagtatcg	60
gaagagcatt tctacgatat cgatcgggtg gcatttacac gcgcattagc tgaacaatta	120
aggatcagag cggcacgctt gagtcctctg tcagcggcgg agctacatgc gaatcttttc	180
tcccactact ccaagatggg acaggacaag catccagaaa aggaagtctt aaccagcttc	240
ccgtcgccgc tgcataatgat gatgtctggc aactcaaggc tcccttccat cttctctctg	300
cctgtatacg aaaacaatca tatgcggagt aacttctcgt catacgagaa cagccgcagc	360
tacatctatc aattcgacta gatgatgaca acgtggacat cgaaagttag aacgagtggt	420
tgcgtctgat gctganggt atcaaggnta tcaaagtcga nggtccgttc cgagctacct	480
taaatgaaca catcggtctc tgaaggcttg gttatgaaat gctgaaaaca tcattgcaat	540
ttccangeta nactccagaa cgggggtctg nccccgaaca agggaanngt tggtttccta	600
aatggaacat aaaaccttga tcgg	624

<210> 3592  
 <211> 192  
 <212> DNA  
 <213> Fusarium venenatum

<400> 3592	
adcaatcaact ccccggtctt ctatttcgag tagctgagga gtaggttagg gtatgnaaaa	60
ggtcacagct tgggaacggg cggggtggaa tggcgattta tctggtga ggttgattga	120
tctgtacaaa caaacaaaaa atacgactta catcgggaga aataccaatc tctaattgat	180
tcaatgattg ct	192

<210> 3593

<211> 278  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(278)  
 <223> n = A,T,C or G

<400> 3593  
 cagaccctac ttgtggagga ccgggcggat cagggcgtga gcgcagctca atggttggga 60  
 atgttgagag aaaaggttgt tcagtaaaac agcttggtta gcgtcaggcg tcggtagtcg 120  
 ggagaaatag gtcggatcag tccttgtaat attgtgatga ggagggattc aatcaatgac 180  
 tggagtcggg gtcctggaga tgcagccggc ttgttttttt ttggcaacag agatgcgaac 240  
 ggtatcaact agatagaatc aaatgttttg tgtgceng 278

<210> 3594  
 <211> 158  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(158)  
 <223> n = A,T,C or G

<400> 3594  
 nccgaangtt aggtntgcac tataaaaaaa aaacnngatc cctgggttcgg ggggtggcana 60  
 acnattttatt ggccccctggg cgacngataa gatccccctgg ccattgcccgn tgggggtataa 120  
 aaaattnccc nggcctttac cgccgggatt ttcgggat 158

<210> 3595  
 <211> 442  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(442)  
 <223> n = A,T,C or G

<400> 3595  
 ccaaattgta gatcaaacgt gagtagccaa ctggccccag catttgcatt ccacatcatt 60  
 tetatgatga tccaaaatga aaacgacaag cntatgtccg agtcacgct acgacgataa 120  
 ctcatattat gactgatcga gatgcttcac gtcacgtcaa tgcagtnttt tcaacgacag 180  
 cggtcgacat ttngaaagca tactcagcca tactcccact tttaatccaa acaacaggat 240  
 ctttggcaac aagggttttcc ccaaccactt gccatagtat tgggatcggg cgtatgtatg 300  
 cgggtttaaca acgcggtcgn nathttcaaca atcttgtcaa gtgacaagggt agcatgcctt 360  
 gtcaaagtca acccttcggg tgattagaag gcatccatcc tgggtctgca tccaacaatg 420  
 atattctttg cagatnccag aa 442

<210> 3596  
 <211> 537  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(537)  
 <223> n = A,T,C or G

```

<400> 3596
gctgatcaag acntatatcg caagactgga agaggtggag caggcantta cgttgtccaa      60
aacaaggctg acgangccga canggatctt gaagctcaaa gcctanccac cgacgaagnc      120
ccccctccag atcgtgcaac agccaacgtc ccagcgcgcg ctggacgcgg nggtaccggt      180
aactacgtca acccgtcaga cctgcccgcg gcggtggagc aggacgagat ggctaaaaag      240
acggctgctg cgggtgaacgc natccttatg aanaaccata ntgtccgggg aggtgggctg      300
ggcgggtccgg ancgcgggng aactggaanc atctnttttt tcgngggagga ggagaggatg      360
anggaanaaa ttgtcgaggg gtgaggcttt ggaaaagaaa nttaggnaca ccggtgaaaa      420
gggttgaaat nccataaagg nnatcatggc cttacatatc aagcgtatga ttattacttt      480
gntacggggg gaagaatagn gtaaattntt ggngngaata atnngtatatt tggngac      537

```

<210> 3597

<211> 565

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(565)

<223> n = A,T,C or G

```

<400> 3597
cctccccac ctcattacgg caccacttec agccaccagt ttcgtttcgt tccgtcccg      60
tgagttcget catcaatcag tcaagctttg tctgctctgc ttcacattgt tccttcgct      120
cttacccttg gotttgcttg cttggcctag gatttcctac cgttgctttc gcttctcttg      180
tctctcgtca cccccagtc taggtatcct gtaccttggc tcgggtcgtc ctgaacctac      240
ctattccata gccctgagat tcctcctcgg ctgacttcca ctctccaacg ttgtactctg      300
cctgtctaca tcggtaactc gtacagtacc attacctanc tacctaacta cctacctacc      360
tacacttgac cagactcatt tgctcgcctg caaaacggna cgggacagaa canagaaggc      420
caaccccaca caggcccaag gccaaagaaa gacaaggcca naggcaaccg ggccgcgtan      480
cagagcanag canttgctca aaattcggng tacnaagtgc tgactccgaa ctgcggtang      540
nccggagcat tncacacaaa gncct

```

<210> 3598

<211> 499

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(499)

<223> n = A,T,C or G

```

<400> 3598
attacaaagt tgagtatagt gtacactcaa actccaacat tgctcactt attcattacc      60
attccccaac attacctga gcctcgactt caacaatcaa cgacaatggc aacgcggcca      120
gagagagata ttgaagagat ggccaaggga tggnccaaag ccattggggtt ctccaaggcc      180
cgattacagc gcgtgcacga tcttgcanaa natcaacttg acgacnccat caatgccggt      240
cctctgggtc tnganaatgt atgtttttt attcatgcat gggttgggca tggacaatcc      300
cgacctcttc tgaacttttg gcaagttctt nattctgagn acggtattat cgtatatcct      360
ctgcattcca ggaggacata aatatccagg attgggcath gactgacatt tacggaggca      420
tatcggggca tattatgatn tgtgggggac acnncnaagt ttctctctcc tgccctttgn      480
tttatgcaaa accaccccg

```

<210> 3599

<211> 179

<212> DNA

<213> *Fusarium venenatum*

```

<400> 3599
ttcttacata ccacgcgcga aaggcacatt cttcaggcgc cgaccagaaa catgggtagt      60
gggttgcggtt tctagacgag acggcggttta ccaagggcac tcgaaccatt ggtgtggcag      120
cgattgatga cttatgatag acatgtagca acaaaaagaaa gcgtatccaa ttgttgcg      179

```

```

<210> 3600
<211> 543
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(543)
<223> n = A,T,C or G

```

```

<400> 3500
cttttatcaac tttactacct atctaggcaa caacatcact attattgtca tatcgcatcg      60
cctatttctaa ttcattgataa taatttgga ccatcagca ttgtcgccgc cctaaaatat      120
ttcttgggac ttttatttgg aattttttcg tcgatctcgt cattcgttt gcatttcctc      180
aaccatggga ctccctctgt ttatcgctcc agtcgagtc gatctcatat ccaaagctgc      240
cgacaagagt ggcacagcgc cacctcgctc cagcatccgt cgcacacgca ctactggtcg      300
cgtcactgaa cgcgcggaac gccgcaggat cctgcgccat tttgaatcac tacgacagtc      360
tggccttata catggccccc gtgatgatca atctacatca tgggaaactg gtttccccc      420
tgacaatgaa ctgacaacaa ggccgctgcg tgatgtgctg anaaacatga atgcctccga      480
agaacccaaa agggaccatg ttgaaaaacg nctgcenctt ttttagggat ggagtactcc      540
tct                                     543

```

```

<210> 3601
<211> 662
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(662)
<223> n = A,T,C or G

```

```

<400> 3601
cggtttcttc actcgcgag gcacggcca agtttaccgt gttttgtaac tcttggcctt      60
gcaatggcta ctggttgatc ttatcagatc tgattggacc tgataccgaa atcggttcag      120
tgggggtataa ataagtagca aaataaaatc tggagatgca aagatcgcat tgtctgtctg      180
atagcagcca aaacaaacaa acagttcaga ttaatcatcc caaatgtct tcacagccct      240
tcacagcaaaa gtcaccaatc aagattaggg tgcttgagcc ttatctcaca acatactatc      300
tcagagcccat tgcagagaac aagcagtcct atcgtctgcg caaagacgag tctgcaaagg      360
atggcaagcc attcccaag gctcttcacg gcgatgacct agtcttctcc aagatcccaa      420
ctgcggaatc tgacaagatt cctgattctg ataaccgca gtatgcgcgc gcgcgacgaa      480
ntcccgctctg gttgctgagc tgggagaagg agacacccac actcgcccag acctggatgt      540
ccttggacac tttcttcgca tacactttcg acgttgagca attccgtctt ccgtcttcga      600
aggcctttgg ggccgaagac tggcaaggct ctctncaag gcnatnaaa gctnaacccc      660
ag                                     662

```

```

<210> 3602
<211> 226
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(226)
<223> n = A,T,C or G

```



```

<400> 3602
nctggactgg aaatgtcttg gttncggacg cccctataac aggtngtgat cgtataccta      60
tccgcgtcgt cgactgggaa ctatctcagc ttggtgtccg gcctcttgat cttgggccaat      120
tcatanccga gctctggtcg ctgaagctat acagggacat agatgctggc gagtgggtca      180
tncaggtttt nggctgctgg ntacgggtctg gtagacaata actttg      226

```

```

<210> 3603
<211> 412
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(412)
<223> n = A,T,C or G

```

```

<400> 3603
naanttcatt aaaactgata caaccatttg tgtttctcgt cgcagatcca ctgcgtcatt      60
agacccttat aaactctgga ctcgatatat ttatggacca tttttacgat actaattagc      120
ttgaccttcc tccaaaggga ctgtcgctct atctgtcatt cgacacatcc catctgtgct      180
actactttcg gtctttccgg ctgtanaana aacactacca gnttttttca ccaagcattg      240
caaacacaat ctagtcatte atccattgaa tactttacac ttactctaag acaatatcga      300
ggggaacaga tagattgcct gtttccaact caattatctt atatcatcaa ccattaacaa      360
ggaccaccaa tcgacaagat gagctntgng tacaagccng gccttttttcg cc      412

```

```

<210> 3604
<211> 626
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(626)
<223> n = A,T,C or G

```

```

<400> 3604
gtccctcattg acttgacgta caaggcattg gatgagatta ccttgtctca ctgtgggtgaa      60
tcaagtatcc aatggttggtc gatgagctgg ttcttgtgaa gccatccatc tcaacttgac      120
aggcaggctg ccgtcaatag atgcctgtgt ttgtttctgt ttctgtttga ttgaacccca      180
tccatcggaa tgattttttt cactccagac cacaaaattg aaacaagctt atcggcttcc      240
cgagcccgaa caaagagcac atcaatctca gattaaacct caatcctcaa gcttggcaat      300
cacgatcttt actcqqqcaq qcacqgacg aqaatcgaat attgatggga gggaaacttt      360
gagcaaaaagt cctagatttt tttggttgga tgaggttctt cttggtctga tccaccgttc      420
cacaaggtca aaaacttatg aggcatttgg caaacaacca tttttgacgg tgtccgctta      480
cgtatctgca gtacagtacg tactacagtt cacagtgttt gagcaagcgc tttctattca      540
attgagttgg caggtatnca tttcangcgt tcattcatcg gctgggaaaa gttgntgatg      600
gtggggcaan aagttganag aagaag      626

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<210> 3605
<211> 329
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(329)
<223> n = A,T,C or G

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<400> 3605

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ctaacacaga	ggtcactggc	aaagaatcgg	atggaaggat	gaaataaaga	aaattcaaag	60
atgggtgatg	agactccacg	tggaagatag	aggagattaa	ttaatgtcac	atactgtaca	120
tactgtgagc	ccattttactt	ttttccttgc	gttttatgag	cttgggtcaa	gcggacgaga	180
gcgggagatg	acatcttcca	ttgaatgcat	gacgttgat	atcttctatt	cccaccatta	240
tggtgaggac	agacttgccg	atgatttaag	gtgttgatta	taggtagata	tgcntcaatc	300
aaacgatatt	gaagtcnaaa	aaaaaaaaa				329

<210> 3606

<211> 483

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(483)

<223> n = A,T,C or G

<400> 3606

actaaaacat	tatatctctg	ttccaggcag	actacaaacc	taggcagtct	tagttggaga	60
gcccacgtgt	cttagagctg	cgacgatgcc	tattaaagct	gacgtagtgc	ctggngaagg	120
gateccnttg	cttgtagag	ctgacatggt	gtctattaag	ttgccctttt	ggctcttagg	180
gctgnnatag	atccctttcg	ggttgcgacn	atgcttttgg	agagngcgca	gtggagaggg	240
cattgactcg	gctcgtgccc	aggaatcttc	gtgcttggtc	attgcataca	agtntggggg	300
caaagtgttg	tgcgctggac	cctgaaaaca	ganattaana	ctttgggtgga	tcagggtatgt	360
gcatttagag	ctatcgccgn	aagtttgccc	tacttatgcc	aagactttgg	anccacaaat	420
ggaagcgggg	gggccaanct	ttttacaaca	nttttttttt	gttantggac	aaantattcn	480
cag						483

<210> 3607

<211> 597

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(597)

<223> n = A,T,C or G

<400> 3607

atttgcaaca	gcaacgacaa	ctccccgaac	gctcttcgtc	aggccggatc	ctccagaaaa	60
tatctcatcc	agtcggacga	aacttccgca	ctcacacca	tgaagcgtga	atcgtagaan	120
tggttcggcc	gggtaaagaa	aaagcccac	acacccctca	gaaaaggggc	tggtatcgggg	180
tatctcaacc	ttggccgatg	acggagaaa	cctacaggca	gaaacaaagg	ggcgggtgca	240
accctaagg	ggaaagctgg	atgcgctatt	gaaccgttct	ggtgctcaag	atgcgcctgc	300
tgctcgattg	actccccgg	cggctgcgag	gccaaacacc	atagcagaag	atctcgcttt	360
cccagggcgg	cgaagtactt	ccatttgaag	cggcgggtcg	agctaaagac	aggcctccc	420
ttcaacagat	gcttacgccc	aaccgaacac	cagccgcagc	ttctacatcc	aaggttacac	480
cgcaaaacgc	aagatctccg	ctagcctcca	agcaagganc	gcaatcgggg	ctgcggcaca	540
aaccactttc	tcaactgcgt	ctggatgatt	tcaagatcaa	ccctcaggcg	aacnacg	597

<210> 3608

<211> 207

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(207)

<223> n = A,T,C or G

<400> 3608  
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 tcttttgcgc ccttctgat cccgcagtcg tnggtgggtg tacattnatg agatctacag 120  
 ttaanacaag tcaananata gactgangta tgagcgtggg ttacgatncc cttgtggggac 180  
 atggaaaacg cacttccaaa atcatca 207

<210> 3609  
 <211> 341  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(341)  
 <223> n = A,T,C or G

<400> 3609  
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 nttntatata tcaactcgtc ttccagttng gactgggtga tcttcanatc atgggtgggac 120  
 cattggnta cgcgatnatg ctggatggg catttgacga cgtttgtttg attaatccgg 180  
 cgccgtgngt ctantattct ccttctctc atcctgtcat gagagaagca gtgggtgttna 240  
 agaggaggcc ttttctttta atgttgagaa cggngggcaaa gctcatgctg gtgcataaaa 300  
 atgatgggag gcggttntca tagacagnc ganttaatat g 341

<210> 3610  
 <211> 267  
 <212> DNA  
 <213> Fusarium venenatum

<400> 3610  
 aggcatacgg tgtcagcagc cacacaatga gctgggacca gattcaagat cgcacgcata 60  
 gctggaagct tggcagcttg ccatagattt gatgtgggtat cgtaccaaga gatgatgtgt 120  
 tggtcacttg catgacgtcc tccgtgaaga ggagttgtat aatagagtgg gatattgtaa 180  
 agcatatacc ggacattggg atgtagcatt atgaggagta gaaagactat gatggtcggg 240  
 aaaatatgta ttatatgagc ccaccga 267

<210> 3611  
 <211> 274  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(274)  
 <223> n = A,T,C or G

<400> 3611  
 natagcgttt cacttttcaa gcaacagcnc cggactganc tttgggcgga gcaagaggaa 60  
 gaggatcccc tnttcacaga gacacatnct cgccttgtga accgagcanc gcnaatgtcg 120  
 gggccaggcc tctatgagc tttcaacaat agtcaigatg atttaaggat gtccccggtg 180  
 nggcccgtat tatctaagcg agttggagga aanacottat cttntncatt atgggaatga 240  
 nttacccccc ncaatttttg gcaaccgttc aaag 274

<210> 3612  
 <211> 624  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature

<222> (1)...(624)

<223> n = A,T,C or G

<400> 3612

caaccttttaa	caaagctatc	accacgttcg	ctatcctcct	cgccctcctc	acccttctca	60
acttttagga	agtccctgtc	gactcctgtc	actcgctttt	atattacggn	gccttgatac	120
tacaagaacg	gtctcactta	cgatcctctt	ctcttacatt	tctggacatt	cgatctcttc	180
ctattgcgga	taataaggaa	cactcgctct	gtacaaggaa	tcctcatcgt	ctacaacgtc	240
aagctagaat	tacctggact	cgatcccca	gctttcgaag	atcggtctgt	ggttcattca	300
aggatacaag	atcctcaact	ccgctcacat	gctcattcaa	gcttgaagct	actcgactca	360
tctttgtaca	tcacactcgt	ctttacggat	catcaaaactc	tcccaganag	gaaaaaaaaac	420
aaatcaagaa	cgccatattc	gatcgctccc	tcacctggat	atttggaaaa	cgacaactna	480
ttgcaccccc	aacattccac	agccaagatt	tcagattctn	caagactcat	ctgcttttat	540
cttgggaaaa	taatcgactg	ggggaaatat	tggattggta	cctttgncct	aacgctcgct	600
ttcaatccac	aagttcgtct	ttgn				624

<210> 3613

<211> 628

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(628)

<223> n = A,T,C or G

<400> 3613

ggnggggggt	taccccacac	aagaatgagt	cagaacacaa	gaggtcaaga	caggaatgaa	60
tgacaacaaa	aacacaacaa	tcaacaacca	tgatcttttag	agttcccggg	cgtggccgaa	120
actttctcca	tcaagagaaa	cgttgccaatg	acccgaaccg	gatacatgga	agccttcac	180
ccccatcttg	acactttcta	gcctcgtcgt	gactgtcggc	gagctcggcc	atctgccgct	240
ggctttctcc	ccgcatttgc	gcccgggtcaa	tactctatca	tcctccgcta	ttcttttctg	300
ttgaggcttt	tatcaaagcc	gatgttttat	cttaggctcg	gcgagtctat	cttgtttaaat	360
cattttcttt	ttcacacacc	atctgggttg	atcgcataca	tggatggagt	ttcattttat	420
ttattgcac	attagggcat	gggacactgg	atacagtaca	ggttcttgca	tcaatcctcc	480
aacactggga	tgaatcaact	ggtacacact	tgggaacagg	aacataaggg	cataggatat	540
gccccnccc	cagcatttca	ttggttnacg	gcgacatggc	atggaaatat	ttaaaaacct	600
taaganagtt	tgggcggcct	aatgcttg				628

<210> 3614

<211> 619

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc\_feature

<222> (1)...(619)

<223> n = A,T,C or G

<400> 3614

aggacatgtc	tgcataaggt	ctattggcat	gattaccatc	taatatcgac	atttactata	60
gtcattaccc	aagaaagggg	tggtgtcaaa	ggaaatggtc	gacacttaat	cgtgatgggt	120
catagcggan	actcaattatt	gtttctaggg	aggtagggtg	ttgagggagg	tcgtccttn	180
tttaagagtt	gcctaactga	cctaateacc	cctcatcaca	acaacatgga	atttctcctg	240
aagtaaatcc	agcatctgaa	ctgaataaatt	ctttcgttca	ttcatcgatc	ggaataacca	300
cctaattgat	catgggaacga	ggaaaacacag	gcaacggagga	aagenaccct	ggcgtaatcg	360
ggtttcaagc	ccaaaacaaa	ctgattcanc	tgaagaagga	aaggaatgac	cgcattgtctg	420
agatcgtgca	gcaaacagcc	accgaaatgg	aaaacttgcg	ctctcgggtt	gtcgcatttc	480
aacaagaccg	acatgcacaca	gaacttgaag	ccattgcttc	tgctatcacc	agggttatcg	540
aggctnttga	gcgcaggaaa	gccatcgaac	aacagatgga	gacactcgtc	gaccaagttg	600

&lt;210&gt; 3615

&lt;211&gt; 616

&lt;212&gt; DNA

&lt;213&gt; Fusarium venenatum

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(616)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 3615

tctnaatttga	tataacattc	ttttcagggg	tctggactac	tctatgatat	gcattctccat	60
cccatttcag	accgcataa	tatcgatgt	atcttgctta	tagttcatcg	ggaggggtcca	120
tctgtaacccg	aactgtctgc	acatcatggg	cccgtgctat	tatgcataca	tcccttctcg	180
attcttatac	cgccttcata	cctacgggt	tctnaacgtt	ctcgggcgtc	tgcctgcctt	240
tacttcaatt	tgagccacgt	anaccgcagc	caatagttga	ggctggagaa	gtttctacct	300
tctttgggaa	ctggttgta	acaacatcaa	ggaaagcata	catattttcc	gacctccaa	360
tgtaatcgag	tgtctccata	atgggtctct	tccattcatt	attgaggtct	cccttgacaa	420
cgcgttcgaa	caattcgggtg	acaacgaagg	ccatttccat	gccgcaacgc	aagtcttgcn	480
aagttgggtg	ctggttggtac	acggnttcca	ctcataacct	naaaaagtgg	ccgcttggtg	540
ctccttgggg	cccccatgaa	gctcggggng	ctcgaanagt	catggccttt	nttgcccgnc	600
tgaggagaaa	aaggag					616

&lt;210&gt; 3616

&lt;211&gt; 199

&lt;212&gt; DNA

&lt;213&gt; Fusarium venenatum

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(199)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 3616

ntgcatttan	aggncccaat	tgnccctaaa	naattccggt	tacaaatcaa	angccccggg	60
gnttaaaaa	gnttggaata	gggaaaacct	tgggggtttc	naatttaant	gggtttggag	120
ncaattcccc	tttttccanc	ttggnttntt	ggccaaaagg	gccttcccgg	ganctccttt	180
ccaaggattg	ggcnggctt					199

&lt;210&gt; 3617

&lt;211&gt; 392

&lt;212&gt; DNA

&lt;213&gt; Fusarium venenatum

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(392)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 3617

tccaccggcc	togaattctt	ctttccccgc	tctttttggt	gggctgttgt	tctcttgccc	60
ttgcctcacc	ttcttcgaca	acgacttttg	tatttcagtc	tgcctttgat	aacttggttg	120
atcacttcca	aaagctcggt	gtgtatttta	tccaaacttg	gtcattaagg	aaacgcgtaaa	180
grrgttggga	ngttcttgta	tctctatatt	ccaaacaccc	gacgacgctg	gcgcctcgac	240
gactttgccg	ctacaaaccc	gattanogaa	ccgattgtcc	caatattata	tatcttgtct	300
tggagaatcc	tgggtcaacc	acnaggacat	atctntgggt	ataatcacac	tcacaccacg	360
ncatccgcaa	ctgtatgaca	catatctcaa	ga			392

<210> 3618  
 <211> 114  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(114)  
 <223> n = A,T,C or G

<400> 3618  
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 actacctact aaggtattga acctacctac ctggtaccta acacaaacat gagt 114

<210> 3619  
 <211> 102  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(102)  
 <223> n = A,T,C or G

<400> 3619  
 ncggtttttt tttcggttgg ccanagggtt acaantttan aactggggaa acctntgggt 60  
 acctntttga anaccaagn cataatnttc cttttcgng ct 102

<210> 3620  
 <211> 413  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(413)  
 <223> n = A,T,C or G

<400> 3620  
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 aacatcatgg aaagtgaacc gagagcgccg cctgcgttgg ctctgccgcc cgctccaatg 120  
 cccgcattgg aggtcttgca aaatcttcag cagctccgac agaatacaaga tgagggacaa 180  
 gaaagtgate atgatatgac cgacgagggg tttgatgacc acgacgactc ggacatgqat 240  
 tcagctcttg gatctaaactn ggcagattcg acttactcct tgagctcaag cattttcgac 300  
 taccgaaccc tgcattggccg aacatatnat tcanatagag gcactgcccga ggcttcgaat 360  
 gatgatcaag caagcgagtc gctggatctt gccaccnctt nacttttntt tta 413

<210> 3621  
 <211> 493  
 <212> DNA  
 <213> Fusarium venenatum

<400> 3621  
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 aacccaancc aaactttaac aacattcact atgggctggt tcagtgaaga ctcaaaacaa 120  
 gctcaagcgt acgagacagt gactcaacgt cctcatgagg cagagtggto acacgaactg 180  
 ataggtggag ctgcagccta cgaggctgcc aaggcctatg agaaccatgt tgctcggaat 240  
 ggagagcctg atagccacgc tcaagcaaag gagatcttgg caggttttgt tgggtgccttt 300  
 gttgatcgag agattgagac gaagggattg gattacgtcg acgcagagaa ggccaagcgt 360  
 catggaaggg aacatgcaga agaacaqttg agctacaaca acaaccaggg ctggaactag 420

aaccatgctg agaaaataaa acttagctat gttattaatt gatcctgaac gcaaattgat 480  
aag 483

<210> 3622  
<211> 341  
<212> DNA  
<213> Fusarium venenatum

<400> 3622  
cgagaggact gtgctgggag aaaggaagat atcacaaaagg tgcacgacga ctgctctcag 60  
tgtgaaaaca agcccagccg attcagggtcg tcgcggtggt gctcagtcgg atgctgcgtc 120  
tgccagttag ggaacagtct acaagggaac aagaaggag ggtaacggga atgattcgat 180  
tcggtcggag taacacgggt ttgaatttgg gaatacggag tatggaggaa gggctttttt 240  
ctgtagcaac cgagttacct ggagtttacc ggcttctcaa tttattagtt atgaatcaaa 300  
tgattccaat tcaactcgcat tggatatggtt aaaaaaaaaa a 341

<210> 3623  
<211> 603  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(603)  
<223> n = A,T,C or G

<400> 3623  
gtctccagcc agtcttccaa gtgagattgt ctcaacgaca cttccattcc ttctttcttc 60  
tttccaaaagg ctagtcttt tactgtctc gacnacattc acggattgnc tgggtgcaatt 120  
cnaccttna ttacataacc caacaatcga gctacgactc ttcagtccta taccatatac 180  
actcgattct gtcttgacga caatctcaca aactgaacat caaatctatc gccggaacgt 240  
ttanatttac ctccctcatt caaaatgttc gcgaaggctt tcaccattgc cactttggct 300  
tcatacgcca gtgtccacat gctcatggcc aaccccaagc cttacggaaa cccaggcaat 360  
gcccctctcg acgcttatgg gcggacttcc atgcaagggc caagtcaacg acggttcatt 420  
tancaatacc tacaagggnag gnagccccac aacttttctt tattgggtcg gncgtcacng 480  
gggagggtta tgccagtttn ctcccccgac aagaaccac canggctttt gttggaaggc 540  
atccttntat gnggggggnt gcctgcnaaa aacaaagccg ggaatacccc gaaaaagctt 600  
tgt 603

<210> 3624  
<211> 132  
<212> DNA  
<213> Fusarium venenatum

<400> 3624  
caattttctc ttgacgaaat gtaaactggt gaagatataa aaaagctagc ctgatattcg 60  
ttcaagtact taaagaaata tcaggctagc ttttttatat cttcaagtac ttgaacgaat 120  
tgatcatgga ag 132

<210> 3625  
<211> 605  
<212> DNA  
<213> Fusarium venenatum

<220>  
<221> misc\_feature  
<222> (1)...(605)  
<223> n = A,T,C or G

<400> 3625





<400> 3628  
 ngatacttcc tgaacttggg ccgccaaaagt gatgaccagc gcgtcaaggt tgaggctgta 60  
 gacctcgaga cccaccgcc cgccatgcat taatgacgag gcatgtatac ccgaaggaac 120  
 acaatgcgga tgtatacacc tgnngtcagn gcttcagatc aagatggaaa anaacacacc 180  
 aaaaagtacg ggggtgaatt gggaacganc gattgcatgt gttatgcctg atgaaagana 240  
 atgagt 246

<210> 3629  
 <211> 237  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(237)  
 <223> n = A,T,C or G

<400> 3629  
 ncggngaan aaacngatc caccttntct ttaagcacc tgccttacgc gggcggttctt 60  
 tttttnnacg tectnanggg accaggtcaa catcctcccc gcgnngtgctc tgangacatn 120  
 gantccaatt gtggtgcatg cnggggntat aaaaaaaaa taggttgctt taggtcttna 180  
 agaaggctgn tgggtggcttc ctntggaccc caagtaacgg ggcanggatn ttcaaag 237

<210> 3630  
 <211> 314  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(314)  
 <223> n = A,T,C or G

<400> 3630  
 ctcgccgagc ccaagcgtn gctatattatg tttcgaagta gataccgaca atgtaacaca 60  
 cgatattatg atggtctatc ggtggttaata cgggaagccg ggaacaatga cgtacaactt 120  
 atagnggcgg aagaccgacc acattccgta gatgagttga cgccattgtg gtacaagaga 180  
 tgcgggaaat cttttattta ctcataagaa gttgatcatt agagattaat gaatatgggc 240  
 caaggactac caacgggttaa ttgnccccc aaacaaaaatc ccgtggctga aggtccgagg 300  
 taattgccat gatc 314

<210> 3631  
 <211> 567  
 <212> DNA  
 <213> *Fusarium venenatum*

<220>  
 <221> misc\_feature  
 <222> (1)...(567)  
 <223> n = A,T,C or G

<400> 3631  
 aggaaatgca gttactaaaa acatcaacct tataactctt cccttgatgc cgtctttgce 60  
 tggccttgct cttgaccgct cttgacttnt ttttccttaa gtgcttgaac tctqatgtca 120  
 accttggctt ttgacacagg ctggcgctcc gaatgtanaa cccaaccaac aactccgtcg 180  
 tcnacaggct ttgggtgtga cttggacaag tcgataagtt gatctgcgat ttggttataa 240  
 gccattgcac accaaacaca ggaccagact gggatatctc tcttaccttt acattcactt 300  
 gttcccgtca cccagagagg aaggataccg tataaagcac cagggtgcaa aacggcaacc 360  
 ttgtttttat ctttttcccg atcgatctgg tcggcttcgg gaaacctaac gacctcttca 420

atctcatctt	cgcgttcttt	ggtctctcga	gcacgggaaa	aagcgcctta	ccctcgcgcg	480
gggtcgctct	gntgtcaatc	cattcgcgaa	ccccaganga	atctgatcat	agttcatcac	540
agtcctcgcg	accaccagcg	ggaggggt				567

<210> 3632  
 <211> 619  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(619)  
 <223> n = A,T,C or G

<400> 3632	
gtggnggtga	catccaagcc
ctccaacgct	ttgccaatgc
ccaggccggt	gctttccgaa
agattactaa	aaaatataag
aaatggngctg	gttctacaac
ttttgccact	cgtttatata
aaaacatcct	ctccgatcct
aaaagcttta	ctcgtcgcga
cttctcctcc	ctgcaacagc
gatatgacga	catcacctgc
actctcaacg	ccgctgctcc
cgtattgagt	gaacctagct
cgccagaatc	agcagctcat
ncttatcgcc	gccaatccct
cgcaggttct	atcaattcgg
cgcaccgtna	ttgtaccaac
cgttctcaac	ccaccttcga
attcctaccc	ccggcacata
tggtatgagcc	ggtcacaatac
tggaaacgaat	acgacantgg
gagcgagtgc	gcggacaata
acaggggata	tgctattttac
ataaatcctg	aagaaagcnc
ccacttcctc	gggttgacta
tctgcacggt	atntttacaa
ttncctttgaa	caaaacaaan
gggtggggtt	aagcacanta
aacccggaga	gnnggngggg
ctactnnggg	caaaccattc
ccettacaat	tttncaaccc
aacttttaat	agccgcggg
	619

<210> 3633  
 <211> 443  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(443)  
 <223> n = A,T,C or G

<400> 3633	
aagaagcagg	agcttgccct
caagcgtctt	gttaccaagg
ccatgtcctc	ccgataaatg
cacaacactg	tttgagattg
cagtgggtgta	gatatcccg
agtagctgata	ttggaacttt
tgataaccaa	ccaccctaaa
cgcctcgcga	ggggtgatag
gggtttaccac	cggcctgggt
ggaatttccc	tttgtcatta
acggtaattg	gacaggggag
atgaccaagg	catatgaaaa
gttctgcatg	tttcatgggt
atgccgctcc	cggacgtggg
cggntatgac	tactaaaatg
agagccgatg	gaaaacaaaa
aggggtccaa	atgattgtan
actcgttggc	cagggtttac
aaggggtgga	caatggcctg
tgaatttaag	catagatatg
gtagattgca	naaaaggaat
gatgctnttt	tacctattcc
aaa	
	443

<210> 3634  
 <211> 138  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(138)  
 <223> n = A,T,C or G

<400> 3634	
catatctnnc	catcgaangg
gcccataccc	cgggatctnt
ncttagttcc	agaaagcaga
aagtgggaca	acaggggtcg
gaccccttga	attatggcga
tttgatctag	aagatccccg
	120

ttcagcataa ctcttcgc

138

<210> 3635

<211> 240

<212> DNA

<213> Fusarium venenatum

<400> 3635

gcctgggaca	ggacctacac	gcggctcgga	tctggatggc	ggggtaagca	ggcgaatgaa	60
taatatcagt	gccagtctca	agcactttga	tgagcagtat	gaagatcgca	aatcctcaaa	120
aagtatctgc	gcaggactac	cagaatgcag	ctaatttcaa	tggctggctt	tccaaccga	180
gaacccatga	tgtttaaagt	tgaacttcta	aaaaagaatg	atagctctac	gttgcctccag	240

<210> 3636

<211> 246

<212> DNA

<213> Fusarium venenatum

<400> 3636

tttcatgggt	tatgagcgcg	ggtggctaga	ccatcaggat	acggatattt	gatacctgcc	60
ctacgatggg	aatgaaaacg	gccacgacga	cgctacagga	cgcaggggca	tggcctcagt	120
agagagggcc	ggaagcgttc	atgaagatgt	ggaaatgttc	acgatagatt	ttcttttttt	180
cctttgggtc	cggctcttga	agccttttagt	agtaccgaat	aaatgggatt	cccatttaaa	240
aaaaaa						246

<210> 3637

<211> 418

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(418)

<223> n = A,T,C or G

<400> 3637

aaggtaacct	atgttgcact	gctggggggcg	ctgagagaca	ggcagaaaacg	gcacagcaac	60
ggccattttt	aggtatgcaa	ggagcatgga	aaagccttct	tcatcatgcc	aggggtgctgt	120
gagggacagg	cctgagcgta	catgagacga	gaagatgtct	cgtanccaac	aaagcaaaagg	180
aaagaaaggc	tcagcanggg	agtgagaaat	tgcaagagac	tgttgagtcc	agcttattga	240
gtgtggctgg	tctgtttgct	ggggcaaatg	atcatttttg	ctatgtacca	gggtggtgaaa	300
actcaaatgt	cgagggagga	agaatgggat	tgtggaaaaa	agccccggat	gtctgggttac	360
cctgttagaa	ttgcttttct	ccattcaaaa	caaagttatt	agcaccaatg	caaagctc	418

<210> 3638

<211> 340

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(340)

<223> n = A,T,C or G

<400> 3638

ggcaccagca	tgggagcacc	tggagttacc	atagcataatt	tatatgtggc	agaccggaag	60
gcctgtcttt	tggttggttg	ggacagcggt	gcatttattg	tttttgctct	gttcacattg	120
tatgatatat	ctatatctat	acctatctgc	acatacaggg	aggagtttcg	gcgttttgcc	180
caaggccaag	gccttgcttg	acagggctta	acttttttagt	gttctgaagc	caggcaggca	240
cacgatgatg	accagcatac	gaggcatctg	ggccacacca	aagctctgtna	aaatatattg	300

atgcccttcg atttgnaggg cttnnaggaga aaaaaaaaaa

340

<210> 3639

<211> 540

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(540)

<223> n = A,T,C or G

<400> 3639

cacccagcat	tcgagtctcc	agggacgaaa	ccgatagtct	cgcacaaaga	accacangga	60
ggggagacga	agacacgcca	ccgacttcgc	ctgacgtccc	gtcacatcgt	tctaanaaag	120
gattcttgag	caaatggcga	aaaaactagg	aatnctttag	ctaaaagtct	ggcctcataa	180
cgnggggggtg	tacacctggc	ttcgacatga	ccatgactga	tgcacagcag	tacacggcgc	240
aatattatga	cctgcaacga	ccgcattcca	aaatgcattt	gcacaaaaaa	ggatcactct	300
ctttctccct	tttcatttgg	gggcttggac	agcggggcgt	ttatgttgaa	ataaggaccg	360
gacttttggg	gtgggacgga	gttttgtctg	caacaaaagg	caaaagcttg	gatatgtact	420
atagcccttc	tggcagggca	aaaacagcaa	tgtcaccat	atacaggagt	cggctcacct	480
tgtagtaacc	cgacataaac	actcgttaaa	aattaatagt	ttacngtnc	cttctccctt	540

<210> 3640

<211> 341

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(341)

<223> n = A,T,C or G

<400> 3640

gatgccgcca	atgggagtcg	gtgagcttcg	tattggcgat	ggagctgtag	atatcaaggg	60
caaggagacg	cgtggtgttg	gactacaacc	agttccccag	aaggagccag	tgcccgcctc	120
tccagtacca	gcgaagagga	taggttttag	ccgacagttt	ggacgattgg	ggggcgctgt	180
ggcaggtaaa	ggccgacgca	accaatagac	attgcacgaa	agttggatca	tcgttgctct	240
gcctggtagt	caatttgcca	ctcggggcac	ttgacggcgt	ttggatgcca	ttaatgtata	300
gtatcaagca	aaaaattaat	ggaaacattg	tcaacgtntt	c		341

<210> 3641

<211> 245

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(245)

<223> n = A,T,C or G

<400> 3641

ctcccgctcg	tggaaaacag	gcttctggaa	ccgaggcccc	tgctctgttt	cccttagcat	60
aatcaagcgc	tgtgctgttc	aagaanaaat	gtataatagt	gggtgatncc	tgcaagaacg	120
ggcggaggtc	atattatntg	anattaattg	tcattggagc	ttatcatttt	tctatctcaa	180
gaaacgtcgc	acacaaaatn	ctgagcaggg	aaatgtctgg	acagctataa	agtccttctt	240
gtgat						245

<210> 3642

<211> 586

<212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(586)  
 <223> n = A,T,C or G

```
<400> 3642
gtcaactatc ggactaacia cagcgctgag aaacttgctt cctcaccata gtgtcggggt 60
tgggaccaat tcagcacgct tctggaacac agactagggg tggctaccta ctaaaagctt 120
gcactgataa aaataattat cttgcctacc tagatagagc aagaaaaggg aacgagaatg 180
agaatgtctt ggtttgatcg tcccacttaa tcaatatgga aaactcatcc aacttggttag 240
caaaagggtc ttctgcaaac aagatgggtc catttgcttc cagccaatct tcatcacgtg 300
gcgaactttt gttcagctcg gtcacattg tcaccaaag gtgttggaac ctttgccaa 360
cccactcata gccatgaaat ttgccccaaa tgtcaaacat gatcttcata attgtcagng 420
ggatcggnn atttctgttag anattgttcaa tttaactggg gctcnggctt ataattgcaa 480
tactactaca gaattttgga ctacctaact actgggttct ggttctaact ggatgaaaat 540
gttattagtg cgtcagggtc tctgtttaat tggtaacact ccaaga 586
```

<210> 3643  
 <211> 128  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(128)  
 <223> n = A,T,C or G

```
<400> 3643
ntttttttnt tgggganctn tcagagaatc accctgcggg cagnttcttt ctgactgggt 60
gtgtgggnaa cccgggaacc tttctaaaaa ggggtgaaac aaaccgggt gcaaccctgn 120
ggtttcca 128
```

<210> 3644  
 <211> 577  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(577)  
 <223> n = A,T,C or G

```
<400> 3644
cagaagtcag acggcttcog cgtaaagcgg tcgatcaagt tgtaaacagt catttcttaa 60
acaattttta tctcactcat tcttttatac aggttactac cctaagtcgt tcttttcttc 120
cagtttgtctt ctttogaatgt aaggctgenc acccatcttn aatataacga ccagagatac 180
caaacgcttc angggcgattg acaaacaccac tctaacgagc ctatttaagt ccttcgctcc 240
gatggtcaca gaaacccgacc gaaaaatgga agatggcggt ggaatgcggc tcttattgga 300
gggcaaaaaa agactgaacta taggagccga tggattggag ttcaatggcc cgattgccc 360
aaaaacccgc cgtctcttnt gtgtctctnt tacaagtact ggatcttcca aggacattat 420
cccttcttat aatgtgctat gggccgaatg cccccacaat cacatngnga tgcactttct 480
atccccctt cnaaaaaaact aatcaaacct cggaaaaggg aatttgaaat tgctccggg 540
nnggggatga ccattattga nqggaaacng ccccccc 577
```

<210> 3645  
 <211> 296  
 <212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(286)

<223> n = A,T,C or G

<400> 3645

ttcgtgtccc	ggacttttgc	cttcaaccca	cgagcaacta	ctaaccggaa	cgattcaaga	60
tggtgagtga	ataaaaaatc	aactcgactc	taatggccac	agttttgtga	gtcaaagtgt	120
ctttatgcgc	aattgaagcc	gcagcgctcg	ccatnttttg	ngggcnacac	atgctgntgg	180
tattccgcc	gttttcgatc	accgnaaaaa	agtgtcgagc	tggngaaaac	ttggctggag	240
atgcggcggtg	tgcaaaaatg	ccatggccta	ttctcgttag	agttca		286

<210> 3646

<211> 289

<212> DNA

<213> Fusarium venenatum

<400> 3646

gtgtcggcga	tgtgttcgcg	tgacgaagga	aatgtttctc	cgacaaccgc	ccaggccttt	60
tccaccaact	caccctcagt	ctgtacgcaa	agttcagcca	acgcaactgc	caaaggatgc	120
caactgcacat	atgtgtctga	ccaccaagcg	aagcggctct	cccattgact	cttggtcata	180
cgctcgcgta	gctcaatgat	agatattgcc	gtacgtagca	tagtttcttt	cgatacacga	240
ggtcgggtcgc	gcgcgggtcc	tccattgaac	ggatactgta	tgttcaacc		289

<210> 3647

<211> 511

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(511)

<223> n = A,T,C or G

<400> 3647

gggtttctttt	tctgtatcaa	caagcccgggt	catgatgaag	actanaccgc	cccggtgtgct	60
gtcagatccc	gatgtttgcag	aaggcactgc	attcaatggt	acnccgcctn	ttgatcaaag	120
gctcgaagct	gcgatatcgc	ctaaatcagc	gggttggaca	catcctccag	gatcacggga	180
tacgtcgtnt	ntttcaatga	gtcctgacca	tctccgattt	gggcgtggag	aagcaggtcg	240
gttacttgc	agaagccact	ccgacctggt	tgctactgca	acacaaaatc	ggctccggaa	300
ggactcgaaa	gacaagggaa	aggacgaatc	anatggcaag	aaggataana	aaccgtctgc	360
gttgaggggg	attcgaggggt	ttatgtatga	atgatgaggc	atgatatagt	tagcaactag	420
gagcggcaac	ggatagctag	accccttgga	tagggcgctt	ttatttttat	aaatccccgn	480
getngatgcc	ttttgnttct	ttaaaaaaaa	a			511

<210> 3648

<211> 158

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(158)

<223> n = A,T,C or G

<400> 3648

natttatttat	acnatcgagt	tctcaacaga	gtgaaacggc	tggaaccact	tcacatttct	60
ntcaatttcaa	cataactttt	ttcaaacaat	tttaaccaca	aaacgaacat	tcaatttcac	120

atgggtttcc tnaanacatt cctgcctct ctgntcat

158

<210> 3649

<211> 601

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(601)

<223> n = A,T,C or G

<400> 3649

atagttacga	gaggggtgagg	agtttgcct	acacatagaa	gctgctacgc	aactccgcaa	60
cgcacgaagt	cgctggaac	tgatgagcg	cccccccag	cagctaaacc	aagttggcac	120
ttttttggct	ttgctatctc	gtaccatgtt	gtttaagcct	tcttcacttc	catggcgcca	180
cgcaatgag	caggctactg	ctgcagaaga	tgaagccata	caatcaagcg	cttggttatga	240
gtacatatat	ggatcaagc	caagtattgc	cgtagcaatc	aaccgggctt	gtcgtcctgc	300
tgagcaattg	cttcgggttc	nagaagaang	agaacagcaa	ataccgggac	acctttgctg	360
ggaaggttgt	taaagaatta	aggtgacatg	cctanaatcc	ntggcngggt	aaaaagaaga	420
gaatcccaca	ncaaatactn	nagttgacca	atganctttg	ggggccctgg	attttttact	480
ccatcaance	aaanggtttg	gtacnctggc	tggcacttat	cctactacta	tnaccgcgat	540
cccaaagggtg	ctcaagcccg	acngggcctc	antccaagaa	gnttactgct	gtccnccgaa	600
a						601

<210> 3650

<211> 104

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(104)

<223> n = A,T,C or G

<400> 3650

nattgngagg	natggctctg	atgntatggt	gntggatctg	aacaatncac	aaancggatg	60
gactttcgat	nattattcca	gtttnacctn	cagcccccnaa	acgt		104

<210> 3651

<211> 424

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc\_feature

<222> (1)...(424)

<223> n = A,T,C or G

<400> 3651

cgagtagcat	tctattccca	ctgtccatgc	tcattctnaaa	gggcttgaca	aggtttgcgg	60
tggcgctgag	tggacaaggg	cttttcaacg	tttccttggg	agaattcaac	tgggctccag	120
gaacgtcagc	gtcttttatg	acaccaaccl	cggaaagatg	ggaattganc	ccccagagga	180
aaccgagctc	tgggttgacc	agagcgagcc	agcaaagttc	gctggacatg	tctacagatt	240
cgttggctgt	cagtgcagat	ccqcatcttc	ggaccgacat	ntttacatcc	tctaccatcc	300
cgatgcagag	tggcacqcan	atttgtaaga	gctgctacag	gataagcctc	ttncatcaac	360
ttcttggctt	ctccgacaac	ctngatgcc	tngtgccctac	atnctgttca	tccgaaagcg	420
acta						424

<210> 3652

<211> 623  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(623)  
 <223> n = A,T,C or G

```
<400> 3652
attttccacca tgggcgagaa tctcgtcatt tattataatg actccatcga ctcggaacaac      60
ctcgccgcgcg ccattggtct gtggaaggcg acataccaga ggccgaacac tcgtgtgatt      120
tggattatag agcctcgtca agtgtgtttt ggactatcca tgactgcgga gcaagtatcc      180
aaatgtaaaag atttgataca aaagcacttt tcgtcactag ggaacccttt caagggtgctt      240
ctgggtggac ttatcaagca gaaggatctt gataagactg aggggtctcaa agaagctgac      300
cgtcatctac ttcaaatggc tgtcaaatcg gaatacggct caaaggacaa tgctgcactt      360
catggctgcgc tcaatgcttg ggactctgct tcttgtttgg ccgagtgggc aaacaacgac      420
tcaaataaag tttcctgga ctttgaaagc ctagaacgaaa tcgaaaatcc tgtgaacctt      480
aattttcatc accatgaaga gcttgccaac cggagcgcag acgaactgga ggcatacgat      540
aatatcctga acgaaccttt gccacagcga acgaagagcc tacaaaactg ggtacgagga      600
atgtgttaag agaagcgccc ana                                     623
```

<210> 3653  
 <211> 479  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(479)  
 <223> n = A,T,C or G

```
<400> 3653
ggggcacgcg gacaatggat ctagcatgca attgtcaaga tatctactcg ctaggtctcg      60
tcttcctaaa catcgcaaca gttctataca atgtccggtt ggccgacttt gacgaagctc      120
tgaaatatcc atccaagaaa tacacaagaa gaacagcttt gcgagcgaga gaagaagctg      180
aacgccccac ttgaaaagct cacatcccat gctctggcca cgccaacttt tatgtttact      240
tatgaagggc aagaaacggt ccgtcccaag ncaatttgta aacttaattg ctccaatgat      300
caccgaaaac ccgaaaagtc gactgcatgc gtacaagata gacgaaaaag tttgtccatg      360
ctggggaagg attcatcaaa tatatcaang ggaatgnttn caaaagaacg atttctctgg      420
gccaaaggcaa attgggacaa agaagctcac gacnttgaca agtcnccga aggggaaac      479
```

<210> 3654  
 <211> 590  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(590)  
 <223> n = A,T,C or G

```
<400> 3654
caactggcgc ctggtcattc cgtttaacaa ggttattgag taccgaatca ccgatgcgcr      60
caatgatcct atggagttga agcccgctgc acatggtctt ccagaggaac ttgtcacaga      120
cgcgcaatct gctcttggcg acnaggcagc tcagtgggtt tccgaagcca taccatagac      180
gcagtgggtg gtcaaggaaac gccaacgtct ctggcggtac cacagcttgt catcatagac      240
gttgacattt tttattattt ttatctcttg catcacaagg cgttttttgg gactttatct      300
gtcacaactt catctctcgt gtccgtatct ccacacaaat gcactacta tatatcatca      360
ctacaagcgt gaacgacgaa caccgcctct aacaccagat ttgtccccgg atggatgaga      420
```



ctcggaaggg	ctcgcggtgg	tttacgatca	tctcttgaaa	acacagcgat	aataatatct	480
tgacattttc	tctctacaat	tcttgtaaaa	aagantgtga	caaacttggg	ttgggtggcg	540
gcagtcgac	caatgcgga	tagaacggaa	gaattccaat	cttgtctttt		590

<210> 3655  
 <211> 357  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(357)  
 <223> n = A,T,C or G

<400> 3655	
ctcgggggcg	naagaatttt
tttttttttt	tttncatng
aataagtttn	naaagttcaa
50	
tcgtacaatg	tcaattnttn
tgtcctgcac	tcgtacagcc
tgaaaacana	ttagggaat
120	
gcnaaacagt	tcgtcctttc
cctaaccgna	accttaatca
cctggncccc	taaattccat
180	
tccaaaggac	gtnttccatg
cattgcattt	catgccccat
tcctgtgtct	ttgccacttt
240	
atatgttcca	tcgcagcata
ccattanagt	aaacaaaanc
ctataaaaaan	aaaatcgaaa
300	
aaaaggaatt	ggatgtcaac
aagcagccgc	caaattccaat
tcgcattgcgt	ttgaagt
357	

<210> 3656  
 <211> 588  
 <212> DNA  
 <213> Fusarium venenatum

<220>  
 <221> misc\_feature  
 <222> (1)...(588)  
 <223> n = A,T,C or G

<400> 3656	
gagcgggtcaa	ctttctatgt
cacgagaaga	agaacagaca
gtacatcccg	ctctcttccg
60	
tgcaaaacaa	ctactacgag
agatttgtga	ctacgatgca
tctcagccga	aacccctcct
120	
acgaatcgaa	gccagttttc
ctccccggac	tcccattgat
agtcgtcctt	cgactgaacg
180	
gaacgtgctc	ttaagggaa
gcacacgaag	gtacctagtc
tcgttggaat	tcgcagcctc
240	
aaactcgcaa	agcatgagtg
tcaggcaatg	gctaggagtt
tttatctctc	tttgcatctt
300	
tagtgctgtg	gacactatgt
tggttagacct	tgcttggtcc
ttccagggaa	atgaccgcgc
360	
gcaagcaggt	ncaacaccga
cagaaagacc	tgaccaagtt
atccgaagcg	tgtaccaggt
420	
gctagtttct	ctattcagta
cttcgaacga	tcccttggcg
aacagctctg	aatccgacga
480	
cgcaattgtc	cacaacatcg
ctcgaattat	caggcgcgaa
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588	

<210> 3657  
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 <212> DNA  
 <213> Fusarium venenatum

<400> 3657	
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gtcgggtccc	acgacagtag
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gccatggtag	gagggacgtc
atggcggtgc	gtctctttgt
240	
cggtttacaa	tatcaggttt
gagttttctg	tcttgggtctg
ttarttaagg	agttttactg
300	
gacgaacatg	gtttttttct
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<213> *Fusarium venenatum*

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cgacggttga	ctcttgggtct	gttgattctt	tctgtggagc	tctttgggac	tctgcctgta	180
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ggagaccagc	tacacttgta	tgccatgtct	cacaggggat	tgttgtatac	taaaaaagat	360
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<213> *Fusarium venenatum*

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<221> misc\_feature

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<223> n = A,T,C or G

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cacgcccgtc	ggttcaagga	ccacacattg	ggtcgtccta	ttcccggctc	tanaatacgt	180
tggcgatact	ggaactctag	cagacctcac	aactttcaat	cgcaagatgt	atcacgatgc	240
gtgtgtagt	gagaaggggt	tactcaactt	gaacttcttt	caagtttttg	aaaagacagg	300
ttcaaacgct	tgtcacggta	tcacatggca	cggggaacaa	aagttatggg	ttatagttat	360
tcagcatttc	gtcaatcata	aatgtattaa	gatttgaaga	tcatataaac	ccttctgaac	420
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<211> 184

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<220>

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anan						184

<210> 3661

<211> 321

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<220>

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<223> n = A,T,C or G

<400> 3661